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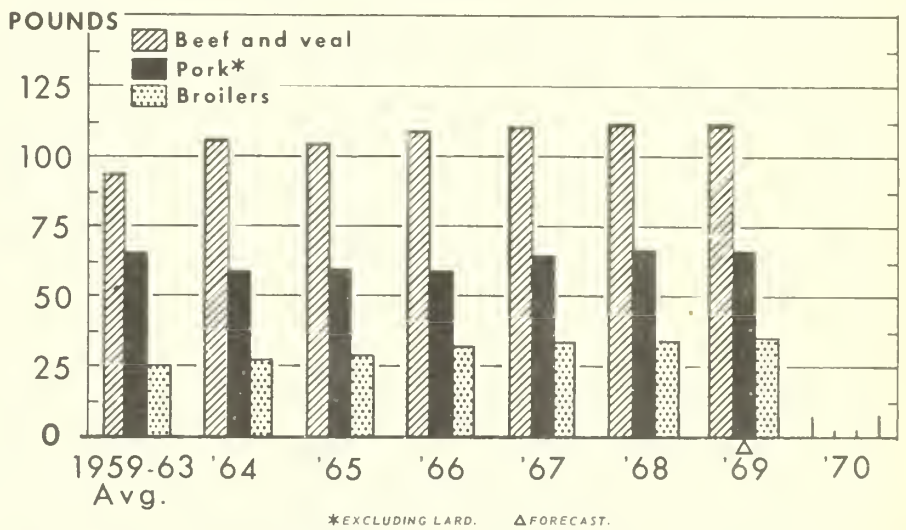
POULTRY and EGG SITUATION

PES-259 NOVEMBER 1969

Per capita consumption of red meats and poultry will total about 228 pounds this year, about the same as a year earlier. Poultry consumption will be up about 2 pounds and beef and veal about the same, but pork will be down. Also, lamb and mutton likely will be lower.

PER CAPITA CONSUMPTION OF BEEF AND VEAL, PORK, AND BROILERS



U.S. DEPARTMENT OF AGRICULTURE NEG. ERS 5732-69 (10) ECONOMIC RESEARCH SERVICE

IN THIS ISSUE

Changes in Firm and Plant Size in Broiler and Turkey Processing

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Poultry and Egg Situation at a Glance

Item	Unit	Month or date	Average 1962-66	1967	1968	1969	Month or date	Average 1962-66	1967	1968	1969
		Eggs									
Farm production	Mil. eggs	Sept.	5,068	5,594	5,430	5,482	Oct.	5,306	5,831	5,682	
Average number of layers on farms	Mil.	Sept.	299.9	317.2	310.8	310.6	Oct.	306.9	323.2	315.6	
Rate of lay per layer	Eggs	Sept.	16.9	17.6	17.5	17.7	Oct.	17.3	18.0	18.0	
Frozen egg production	Mil. lb.	Aug.	25.6	35.1	26.1	28.0	Sept.	20.5	29.0	19.7	23.6
Dried egg production	Mil. lb.	Aug.	4.2	7.5	8.8	5.1	Sept.	2.8	5.7	5.3	4.2
Prices received by farmers	Ct. per doz.	Sept.	37.3	32.0	43.0	40.2	Oct.	37.1	28.7	37.8	40.0
Retail price (BLS)	Ct. per doz.	Aug.	54.2	51.2	55.0	63.4	Sept.	59.3	49.9	60.7	63.0
Price paid for laying feed 1/	Dol. per ton	Sept.	2/85.0	85.0	79.0	81.0	Oct.	84.8	84.0	79.0	80.0
Egg-feed price ratio 1/	Ratio	Sept.	2/8.8	7.5	10.9	9.9	Oct.	8.7	6.8	9.6	10.0
Stocks:											
Shell	Thous. cases	Sept.	211	315	229	120	Oct.	187	253	150	85
Frozen	Mil. lb.	Sept.	98.6	98.9	108.9	64.3	Oct.	90.8	100.0	102.0	56.6
Replacement chicks hatched	Mil.	Sept.	27.9	34.6	37.5	39.4	Oct.	29.0	32.9	40.4	41.4
		Poultry									
Price at farm liveweight											
Broilers	Ct. per lb.	Sept.	14.8	12.5	13.9	15.6	Oct.	14.2	12.4	12.7	14.7
Farm chickens	Ct. per lb.	Sept.	9.2	7.5	8.4	9.5	Oct.	9.0	7.2	8.3	9.7
All chickens	Ct. per lb.	Sept.	14.1	11.9	13.4	15.1	Oct.	13.4	11.7	12.2	14.1
Turkeys	Ct. per lb.	Sept.	21.6	20.1	20.7	21.4	Oct.	21.8	19.0	21.1	22.4
9-City weighted average wholesale broiler price ready-to-cook	Ct. per lb.	Sept.	3/26.4	25.0	27.6	29.6	Oct.	24.9	23.8	25.1	28.4
Retail price of broilers in Urban Areas, (BLS)	Ct. per lb.	Aug.	40.0	38.7	40.9	44.5	Sept.	40.3	39.1	41.3	44.7
Stocks:											
Broilers	Mil. lb.	Sept.	21.2	36.2	16.7	21.6	Oct.	22.5	35.4	18.4	20.5
Turkeys	Mil. lb.	Sept.	156.5	332.1	304.7	237.1	Oct.	248.8	441.5	385.9	329.2
Total poultry	Mil. lb.	Sept.	260.7	486.3	413.5	323.9	Oct.	362.3	602.9	492.0	422.3
Broiler-feed price 1/	Dol. per ton	Sept.	2/93.5	93.0	88.0	92.0	Oct.	92.8	91.0	88.0	90.0
Broiler-feed price ratio 1/	Ratio	Sept.	2/3.1	2.7	3.2	3.4	Oct.	3.1	2.7	2.9	3.3
Turkey-feed price 1/	Dol. per ton	Sept.	2/91.2	90.0	86.0	90.0	Oct.	90.2	89.0	86.0	90.0
Turkey-feed price ratio 1/	Ratio	Sept.	2/4.7	4.5	4.8	4.8	Oct.	4.8	4.3	4.9	5.0
Placement of broiler chicks in 22 States	Mil.	Sept.	38.6	44.0	44.6	51.3	Oct.	39.0	43.6	45.9	50.9

1/ Prior to January 1968, laying feed prices were in 100 pound units. Since January 1968, prices reflect tonnage sold in bulk, sacked and at quantity price discounts. 2/ 1963-66 average. 3/ 1964-68 average.

POULTRY AND EGG SITUATION

Approved by the Outlook and Situation Board, November 5, 1969

CONTENTS

	Page
Summary	3
Eggs	4
Situation and Outlook for rest of 1969	5
Outlook into 1970	5
Broilers	6
Recent Situation and Outlook for Fall	6
Outlook for 1970	7
Turkeys	7
Situation and Outlook this Fall	7
Outlook for 1970	8
List of Tables	40

SUMMARY*

A moderate increase in egg production and larger broiler output over year-earlier levels are expected in the first half of 1970. Turkey meat supplies likely will be down.

Egg production in the first half of 1970 will likely be moderately above this year. Although the laying flock on October 1 was slightly smaller than a year earlier there were more pullets 3 months old or older and not yet laying and the hatch of egg-type chicks has been above year-earlier levels since July. Thus, assuming fairly normal culling, the laying flock in the first half of 1970 will likely be larger. In addition, the current laying flock has more pullets and fewer hens, pointing to a higher rate of lay.

Although egg supplies are expected to be larger in the first half of 1970, strong demand for eggs used in liquid egg production will tend to hold average egg prices near year-earlier levels.

Egg production during the rest of 1969 is expected to be a little above last year. However, the year's output likely will fall slightly short of 1968. Production for the first 3 quarters was down nearly 2 percent due to fewer layers and a reduced rate of lay in the first half. In the third quarter the laying flock averaged about the same as a year earlier, and may average larger during the last quarter, because of a 3 percent increase in pullet chicks placed for laying flocks during the first 7 months of 1969. The rate of culling of older birds will also influence the size of the flock. On October 1, 1969, hens 1 year old and older were down 6 percent and pullets of laying age were up more than 8 percent.

Prices to producers for eggs in 1969 may average about 5 cents a dozen above the 36.5 cents received in 1968. In the first

* The summary of this report was released November 5, 1969.

quarter of 1969, egg prices averaged nearly 10 cents a dozen above the low level of a year earlier. Prices were up moderately in the spring and slightly in the summer. Prices remained strong during October, averaging around 40 cents a dozen.

Both broiler and turkey production in the first half of 1970 are expected to be larger than a year earlier, in response to higher prices received by producers during most of 1969. The broiler hatchery supply flock has been increased substantially in recent months and could support a substantial increase in production. About 3 percent more turkey poults have been hatched this year for marketing in early 1970, a period of seasonally light production. Also, breeder flock owners reported intentions as of September 1 to keep 1 percent more turkey breeder hens for the 1970 hatching season.

With larger prospective supplies, broiler prices for the first half of 1970 may be below year-earlier levels, but turkeys may average above 1969. The prospective increase in turkey production will be more than offset by smaller cold storage stocks at the beginning of the year.

Based on increases in broiler chick placements, broiler marketings in the last quarter of 1969 may be about 10 percent above 1968 levels. Output in Federally inspected plants for the first 3 quarters of 1969 averaged 8 percent above a year earlier.

Unusually strong consumer demand has kept prices of broilers this year moderately above 1968 despite larger supplies of both broilers and red meats. However, prices have declined seasonally since summer and with marketings expected to increase further over year-ago levels, prices in coming weeks likely will average below October levels.

The number of turkeys raised in 1969 is almost the same as last year. But heavy breed birds make up a larger portion of the crop, and total meat output will be up slightly.

Live turkey prices during the first 3 quarters of 1969 averaged 20.5 cents a pound--1.4 cents above the same period of 1968. Large cold storage stocks early in 1969 depressed prices, but as stocks worked down, prices strengthened and in October averaged 22.4 cents per pound. This generally stronger price tone will likely be maintained the rest of the year.

SITUATION AND OUTLOOK

EGGS

Situation and Outlook for rest of 1969

Production--Egg production in 1969 is expected to total slightly below the 193 million cases produced last year. Production in the first 2 quarters of 1969 was down over 2 percent. Third quarter output rose to slightly above a year earlier, and fourth quarter production is expected to show a further gain relative to 1968.

The slightly smaller output in 1969 is resulting primarily from a smaller laying flock during the first half. Also, the rate of lay was down in early 1969. On January 1, 1969, the number of layers on farms was down about 4 percent from the previous year. But on October 1, hens and pullets of laying age on farms totaled 314 million, nearly the same as a year earlier; however, pullets 3 months old and older but not yet laying were over 2 million higher. Thus the number of layers in the fourth quarter may average slightly above a year earlier.

Eggs: Average number of layers on farms, eggs per layer, and eggs produced, 1968 and 1969

Calendar quarter	Number of layers		Eggs per layer		Eggs produced	
	1968	1969	1968	1969	1968	1969
	--- Mil. ---		--- No. ---		-- Mil. cs. --	
I	324	315	54.9	54.0	49.3	47.2
II	312	310	56.9	57.1	49.4	49.2
III	308	308	54.7	55.0	46.8	47.0
IV			53.4		47.1	

The laying flock will likely increase over 1968 during the rest of this year because of a 3 percent increase in pullet chicks placed for laying flocks during January-July.

The larger placements were probably partially offset by increased culling of older birds. On October 1 the laying flock contained 6 percent fewer hens and over 8 percent more pullets of laying age. All regions except the South Central had fewer hens than a year earlier. Hens accounted for 54 percent of the total laying flock on October 1, compared with 57 percent a year earlier.

Prices--Prices received by producers for eggs in 1969 are expected to average about 5 cents a dozen above a year earlier. Prices in the first quarter were up nearly 10 cents a dozen. Prices in the spring were moderately above 1968 levels; with seasonally smaller supplies, markets strengthened in the summer from spring and averaged slightly above a year earlier. Prices to producers in October averaged 40 cents a dozen, over 2 cents above October 1968. Demand is expected to continue strong, and prices for the rest of 1969 may average near October levels.

Eggs: Average mid-month price received by producers, and Chicago wholesale prices

Calendar quarter	Price received by producer		Chicago wholesale price 1/ Large		Chicago wholesale price 1/ Mediums	
	1968	1969	1968	1969	1968	1969
	Cents per dozen					
I	30.9	40.4	33.1	45.6	28.2	40.0
II	28.9	32.7	31.5	35.8	27.2	29.6
III	36.7	37.7	44.3	45.9	36.2	37.3
IV	39.7		45.1		39.2	

1/ Chicago, weighted averaged price, delivered. White, 80 percent Grade A.

Chicago wholesale prices for grade A large eggs for the third quarter averaged 45.9 cents a dozen, about 10 cents above the second quarter and slightly above the third quarter of 1968. Prices in October averaged 47.1 cents a dozen, about 1.7 cents below September but 7.2 cents above October 1968.

The price paid by producers for laying feed for the first 9 months of 1969 averaged about $80 a ton, down slightly from a year earlier. However, laying feed prices in October averaged about 2 percent higher. Despite rising feed costs the egg-feed price ratio in October was 10.0 compared with 9.6 for October 1968. Prices for started pullets in 1969 have averaged about the same as a year earlier. Costs of most other production items such as labor, equipment, and interest have increased.

Utilization--Total production of liquid egg products through September this year was 12 percent below the same period of 1968. Liquid egg production for immediate consumption during the period was up 30 percent; but this gain was more than offset by a 12 percent decline in use for freezing and an 18 percent drop in output for drying. The strong demand and relatively high prices in 1969 for shell eggs, together with the earlier expectation of significantly larger production in the closing months of the year, discouraged production of egg products. On October 1, cold storage holdings of frozen eggs were down 45 percent from a year earlier. On a year around basis, eggs for commercial breaking account for 8 to 10 percent of U.S. production.

More eggs are being used for hatching purposes this year. For the first 8 months, 6 percent more eggs went for broiler chick hatchings and 3 percent more for egg-type chicks than in the same months of 1968. Eggs used for hatching this year through August accounted for about 7 percent of total eggs produced. Substantially more eggs likely will be used for hatching in the fourth quarter than last year.

Combined exports of shell eggs and the shell equivalent of egg products for January-September this year were 11.8 percent below the 562,330 cases for 1968. Exports of shell eggs declined 3 percent and those of egg products by more than 50 percent. Substantially higher U.S. prices appeared to be largely responsible for the decline.

Outlook into 1970

Production--Egg production in the first half of 1970 likely will be moderately above 1969. Flock size is expected to be above 1969 levels in the first half, and may continue larger throughout the year. The laying flock on January 1 will contain more pullets but fewer hens than a year earlier. With a younger flock the rate of lay also may be above a year earlier, at least through the first half of 1970.

More pullet placements and egg settings in recent months indicate an increase of 5 to 6 percent in pullets placed in the laying flocks during the first half of 1970. And with higher egg-feed price relationship in recent months, producers probably will continue to start more chicks during the first half of 1970, for addition to the laying flock after mid-year. However, the size of the laying flock will also be influenced by the extent of forced molting and the rate of culling of laying flocks during 1970.

Prices--Although egg supplies are expected to be larger in early 1970, strong demand for eggs used in liquid egg production will tend to hold first quarter egg prices near the 40.4 cents a dozen received by producers in the first quarter of 1969. Seasonally increasing production during the second quarter will result in the usual price declines, but prices likely will average near the second quarter of last year. Egg prices during the first half of 1970 will be bolstered by an expected increase in demand for shell eggs for processing.

Utilization--Liquid egg production the first half of 1970 probably will increase from the low levels of last year. Relatively high egg prices in 1969 apparently reduced liquid egg production, and stocks of egg products have been pulled down to low levels. Shell eggs may be more plentiful in the first half of 1970, and prices during the winter will likely average lower.

More eggs are expected to be used for hatching in the first half of 1970--for broiler and probably for egg-type chicks.

Consumption of shell eggs in 1969 is expected to total slightly below 1968. If egg production increases as expected in the first half of 1970 consumption likely will run close to year-earlier levels.

Prices paid by producers for laying feed in 1970 are expected to be up slightly. Also, costs of other production items are expected to continue to increase but at a slower pace than in 1969.

BROILERS

Recent Situation and Outlook for Fall

Production--Broiler meat production in 1969 is expected to total almost a tenth above 1968. Output in Federally inspected processing plants during the 3 quarters of 1969 totaled 4.9 billion pounds, over 8 percent above a year earlier. The number of broilers marketed was up 7 percent and the average liveweight was up over 1 percent. Weekly broiler slaughter in October averaged 8 percent above a year earlier. Based on increases in broiler chick placements, broiler slaughter supplies for the last quarter will likely average about 10 percent above the same quarter of 1968.

Broilers: Number inspected, average liveweight, and pounds certified as wholesome in Federally inspected plants

Calendar quarters	Number inspected		Average liveweight		Certified as wholesome (ready-to-cook-weights)	
	1968	1969	1968	1969	1968	1969
	--- Mil.---		-- Lb. --		-- Mil. lb. --	
I	542.2	573.4	3.54	3.60	1,361.7	1,468.9
II	597.1	645.1	3.54	3.57	1,514.2	1,670.1
III	634.0	670.0	3.52	3.57	1,601.4	1,720.1
IV	562.7		3.63		1,461.7	

Prices--Broiler prices for 1969 are expected to average about 5 percent above 1968. Unusually strong consumer demand for meat has kept prices for the first 3 quarters of 1969 above last year despite larger supplies of broilers and continued large supplies of red meat. Wholesale prices of ready-to-cook broilers in 9 cities averaged 29.6 cents per pound for January-September, nearly 7 percent above a year earlier. Prices in the last quarter of the year will be seasonally lower; but despite substantially larger supplies, prices may average above the 25.5 cent level of October-December 1968. Wholesale prices during October averaged 28.4 cents a pound, 1.2 cents below September but about 3 cents above October 1968.

Prices paid by producers for broiler feeds in the first 9 months of 1969 averaged slightly above a year earlier; feed prices were lower in the first quarter but higher in the second and third quarters. October's price was down from September but above a year earlier. However, prices likely will increase and be above year-earlier levels for the rest of this year. Costs of most other items used in the

production and marketing of broilers increased this year, particularly labor, equipment, and interest. The October 1969 index of prices paid by all types of farmers for commodities and services, including interest, taxes and farm wage rates, was up 5 percent from a year earlier. Also, Georgia broiler chick hatching eggs in 1969 have averaged about 5 percent above, and broiler chick prices 4 percent above a year earlier.

Broilers: Average mid-month prices received by producers, and 9-city weighted average price, 1968 and 1969

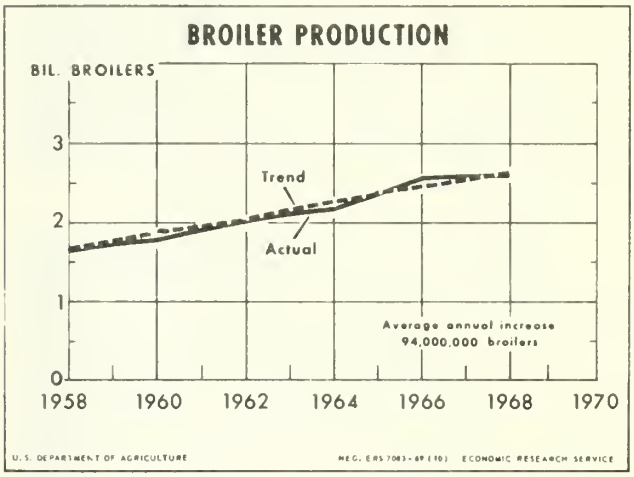
Calendar quarters	Price received by producers		9-city weighted average (ready-to-cook weight)	
	1968	1969	1968	1969
	Cents per pound			
I	14.3	14.9	27.3	28.2
II	14.6	14.9	27.6	29.6
III	14.8	15.8	28.0	31.0
IV	13.2		25.5	

Utilization--January-September exports of whole young chickens and parts totaled 65.6 million pounds, 4 percent above these months in 1968. Exports of whole young chickens were up 23 percent while chicken parts increased by only 3 percent. Broiler exports to Switzerland under USDA's Export Payment Program accounted for about 8 million pounds.

USDA purchases of fresh frozen cut-up young chicken for the National School Lunch Program were begun on September 3 for the current school year. Through October 28, buying totaled 21.3 million pounds at a cost of $7.4 million. This compares with 14 million pounds and $4.2 million through approximately the same date in 1968. However, purchases in 1968 did not begin until early October.

Outlook for 1970

Production--Broiler production in 1970 is expected to continue to expand. The latest supplement to the USDA broiler guide suggests that broiler egg settings for first quarter 1970 slaughter not be more than 5 percent above a year earlier. Production during the past 10 years expanded at an average rate of 94 million broilers per year, or about 5 percent. Production increased each year during this period. All indications are for continued expansion in output in 1970. The relatively high prices of broiler in recent months probably will result in larger production in the first half of next year, even though prices for feed may average a little higher. Pullet chick placements for the broiler hatchery supply flock in recent months have been 6 to 10 percent above a year earlier; and the expected size of the hatchery supply flock could support an increase in broiler production during 1970.



Prices--Broiler prices during the first half of 1970 are expected to average moderately below the year-earlier level of 28.8 cents a pound, 9-city weighted average, for ready-to-cook birds. The reduction could be substantial if placements continue as much above year-earlier levels as in recent months. Larger supplies of broilers combined with continued large supplies of red meats, and a possible slowdown in the growth of general economic activity, are expected to put pressure on broiler prices.

Broiler feed costs in the first half of 1970 are expected to average slightly above 1969. Corn prices will likely average a little higher and fish meal substantially higher; but they may be lower for soybean meal. The cost of most other production items probably will continue to increase but at a slower rate than in 1969.

TURKEYS

Situation and Outlook this Fall

Production--The 106.4 million turkeys raised this year will total almost the same

as a year earlier. The number of heavy breed turkeys increased 1.8 million, while light breeds declined by about the same number. Turkey meat production for 1969 will likely total 1 to 2 percent above last year as a result of turkeys being marketed at heavier average weights--partly because of the larger proportion of heavy breeds. Turkey meat output, ready-to-cook weight, during January-September in Federally inspected plants totaled 789 million pounds, 2 percent above the same months of 1968. Higher average weights--up about 1 percent--and 4 percent larger marketings of young turkeys more than offset the decline in marketings of fryer-roasters and old turkeys. Fourth quarter production will likely be slightly below a year earlier, because a larger share of the 1969 crop apparently was marketed in the first 3 quarters.

Prices--Prices to producers for turkeys this year are expected to average moderately above the 19.6 cents a pound for 1968. Prices in the first 3 quarters averaged 20.5 cents a pound, 1.4 cents above the same period of 1968. Prices trended up from the seasonal low of 19.6 cents for February, 1.6 cents above February 1968, to 22.4 cents for October. Wholesale ready-to-cook prices in major markets have been generally higher in recent weeks. Markets probably will strengthen further due to holiday demand; and prices are expected to continue moderately above 1968 levels.

Turkeys: Number inspected, average liveweight and pounds certified as wholesome in Federally inspected slaughter plants

Calendar quarters	Number inspected		Average liveweight		Certified wholesome (ready-to-cook weight)	
	1968	1969	1968	1969	1968	1969
	--- Mil. ---		--- Lb. ---		-- Mil. lb. --	
I	7.7	6.6	15.8	16.4	98.9	87.3
II	10.4	11.2	16.2	16.1	134.4	145.4
III	37.2	38.3	18.0	18.2	537.5	556.5
IV	42.1		20.5		684.8	

Cold storage stocks of turkey were reduced sharply during the first half of 1969--down to 119 million pounds on July 1, compared with a record 185 million pounds for that date a year earlier. Cold storage stocks rose seasonally during the third quarter to 329 million pounds on October 1, but remained substantially below the 386 million pounds on October 1, 1968. Stocks are expected to decline during the fourth quarter due to seasonally strong demand at the end of the year storage holdings likely will be down about a third from the 317 million pounds of a year earlier.

Utilization--On August 21, USDA started buying young, whole ready-to-cook frozen turkeys from the 1969 crop for the school lunch program. On October 22, USDA suspended the buying for school lunches and also ended buying of canned boned poultry. Through October 22, a total of 20.6 million pounds of frozen turkey were purchased at a cost of $7.1 million. USDA purchases of canned boned turkey from the 1969 crop for distribution to needy families totaled 2 million dozen cans, equivalent to 84.7 million pounds, ready-to-cook weight, at a total cost of $39.3 million. No canned boned turkey was purchased during this period last year.

Military purchases of turkey in the first half of 1969 totaled 17.0 million pounds compared with 24.3 million in the first half of 1968.

Turkey meat exports in January-September totaled 24.7 million pounds, ready-to-cook weight, compared with 26.0 million pounds in the same period of 1968. Exports of turkey parts, accounting for most of foreign sales, were up 2 percent; those of whole turkeys were down about a fourth.

Outlook for 1970

Production--Turkey production in 1970 likely will be above 1968 and 1969 levels. The higher turkey prices in 1969 probably will lead to expansion in output in 1970, even though turkey feed costs may be up slightly.

Turkey breeder flock owners in 15 major turkey growing States indicated their intentions in September to keep 1 percent more turkey breeder hens for the 1970 hatching season than in 1969. These breeders reported intentions to keep about the same number of heavy breed hens as in 1969, but 9 percent more light breed hens. These 15 States accounted for about 79 percent of all breeder hens in the United States on January 1, 1969.

Intentions indicate that breeder hens in 1970 will be down 11 to 33 percent in Pennsylvania, Iowa, Washington, Ohio, and Oklahoma. For the other 10 States, intentions are equal to or above last year. This early-season survey is a fairly good indicator of turkeys raised the following year.

Turkey meat supplies in the first half of 1970--when supplies are seasonally light--will probably fall below last year as a result of smaller beginning stocks. About 3 percent more poults are being hatched in the closing months of 1969 for marketing early next year. However, cold storage holdings of turkeys on January 1, 1970, will likely be down about a third from a year earlier. Prices to producers for turkey in the first half of 1970 likely will be down seasonally from the fourth quarter of 1969, but probably above year-earlier levels.

* * * * * * * * * *

ANNUAL OUTLOOK CONFERENCE SCHEDULED FOR FEBRUARY 1979

. The National Agricultural Outlook Conference, is scheduled for February 16 to 18, 1970. The Conference will give emphasis to the general domestic and international economic situation with time also devoted to the Commodity Sessions.

CHANGES IN FIRM AND PLANT SIZE IN BROILER AND TURKEY PROCESSING

by

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The broiler and turkey processing industries continue to grow and change. This article discusses changes in firm and plant size in the 1960's and examines some of the implications of these changes. 1/

Federally inspected slaughtering plants account for the bulk of chickens and turkeys slaughtered. In 1968, such plants accounted for 90 percent of U.S. production of young chickens and 91 percent of U.S. turkey production. Comparisons in this article are based on data on Federally inspected plants.

Changes in Concentration

One method of measuring changes in the sizes of firms is to compare the percentages of total volume handled by a specified number in different time periods. A typical procedure is to measure the value or physical product handled by the four, eight, and 20 largest firms (Table 1). Another method is to determine the number of firms handling specified shares of total output in different time periods (Table 2).

For broilers, the trend toward increased concentration leveled off from 1964 to 1968. The four and eight largest firms processed virtually the same share of slaughter in 1968 as in 1964, but the 20 largest firms processed about 3 percent more of the total in 1968 than in 1964. The number of plants owned by the four and eight largest broiler processors decreased from 1964 to 1968, but there was an increase of four plants for the 20 largest broiler processors.

The trend of concentration in turkey processing is quite different from broilers. There was little change in the share of turkeys processed by the four, eight, and 20 largest firms from 1960 to 1964, but a very decided trend toward more concentration from 1964 to 1968. The increases in the share processed was accomplished with only a very slight increase in the number of plants owned or controlled by these firms.

Firms processing broilers decreased from 286 in 1960 to 153 in 1968 (Table 2). In 1960, 94 firms or 33 percent of the total processed 70 percent of the volume. By 1968, 48 firms or 31 percent handled 70 percent of the volume.

The number of turkey firms decreased sharply from 189 in 1964 to 102 in 1968, continuing the 1960 to 1964 trend (Table 2). Forty firms, or 16 percent of the total, handled 70 percent of total turkeys processed in 1960. By 1968, only 21 firms or 21 percent of the total, handled 70 percent.

These data suggest, that following a period of high activity in mergers and acquisitions, the period from 1964 to 1968 was used by broiler processors to reorganize and improve the efficiency of plants rather than acquire new ones. Acquisitions and mergers that have been made in 1969 suggest that concentration in broiler processing may speed up in the next few years.

Although the number of firms processing turkeys declined from 1960 to 1968, the increase in concentration came from 1964 to 1968. Increased concentration in the turkey industry may be a result of acquisitions and mergers and an increase in plant size by the larger firms.

1/ Broilers and young chickens are used synonymously in this article although the reported slaughter of young chickens includes commercially grown broiler-fryers and other young immature birds such as roasters and capons. However, broilers probably account for more than 95 percent of the slaughter reported for young chickens.

Changes in Number and Size of Processing Plants

Earlier studies have indicated that economies of scale exist in chicken and turkey processing. Moreover, substantial cost savings can be obtained by increasing effective production density in the processing plants' supply area. Over time these forces tend to reduce plant numbers and increase plant sizes. Growth in concentration among firms, although sometimes undertaken for other reasons, may have reinforced this trend during the 1960's.

Table 1.--Share of Federally inspected young chicken and turkey slaughtered by the four, eight, and 20 largest firms, and numbers of plants operated by these firms, 1960, 1964, and 1968 1/

Poultry and year	Share of total Federally inspected slaughter		
	Four largest firms	Eight largest firms	20 largest firms
	Percent		
Young chickens:			
1960	12	18	32
1964	18	28	44
1968	18	29	47
Turkeys:			
1960	22	32	50
1964	22	33	51
1968	30	44	65
	Plants operated		
	Number		
Young chickens:			
1960	21	31	52
1964	36	51	80
1968	31	48	84
Turkeys:			
1960	34	41	60
1964	29	37	56
1968	30	38	54

1/ Production is for plants processing at least 1,000 young chickens or turkeys annually.

Data for 1960 and 1964 are from Technical Study No. 2, National Commission on Food Marketing, June 1966. Data for 1968 compiled by the Economic Research Service from unpublished data of Consumer and Marketing Service, USDA.

Table 2.--Number of Federally inspected young chicken and turkey processing firms accounting for specified proportions of output, 1960, 1964, and 1968 1/

Percent of output	Young chickens			Turkeys		
	1960	1964	1968	1960	1964	1968
	Number					
30	19	9	8	6	6	4
50	47	26	22	18	17	10
70	94	55	48	40	35	21
80	125	77	66	57	48	30
90	175	107	90	87	69	43
95	228	131	108	121	93	53
100	286	201	153	249	189	102

1/ Production is from plants processing at least 1,000 young chicken or turkeys annually; at least two-thirds of all poultry processed in such plants was young chickens or turkeys.

Data for 1960 and 1964 are from Technical Study No.2, National Commission on Food Marketing, June 1966. Data for 1968 compiled by the Economic Research Service from unpublished data of Consumer and Marketing Service, USDA.

Plants slaughtering all classes of poultry under Federal inspection declined from 532 in 1962 to 424 in 1968. During the same period the total volume of all poultry slaughtered in these plants increased from 8.1 billion to 10.9 billion pounds. The plants under Federal inspection accounted for 85 percent of all poultry sold off farms in 1962 and 88 percent in 1968.

All of the plants slaughtering young chickens, of any amount, are included in Table 3, even though the predominant class of poultry slaughtered may have been different. All of the plants slaughtering turkeys, of any amount are included in Table 4.

Plants slaughtering young chickens under Federal inspection declined from 288 in 1962 to 274 in 1968. Volume of slaughter of young chickens increased from 5.9 billion to 8.3 billion pounds during the same period. Plants slaughtering 1 million pounds or more per week more than doubled in number from 1962 to 1968. The second largest size group showed an increase from 118 plants in 1962 to 125 in 1968. They also showed a moderate increase in volume of slaughter for the same period. The two smallest size groups declined both in number of plants and in volume of slaughter.

Shifts toward the largest plant sizes occurred mainly in the heavy broiler producing South Atlantic and South Central regions. Average volume per plant increased in all regions from 1962 to 1968 (Table 3).

Plants slaughtering turkeys under Federal inspection decreased sharply from 281 in 1962 to 193 in 1968. Volume of turkey slaughter increased from 1.4 billion to 1.8 billion pounds (Table 4).

Plants slaughtering turkeys were not as large, on the average as the plants slaughtering young chickens. This may be due, in part at least, to the highly seasonal operations of plants slaughtering turkeys.

Decreases in numbers of plants and volume of slaughter occurred among the two small size groups of plants slaughtering turkeys. Increases occurred both in numbers of plants and in volume of slaughter in the large size group only. In fact, volume of slaughter doubled from 1962 to 1968 in the large size group. Growth in average plant size occurred in all regions except the North Atlantic region. Most of the growth in plant size occurred in the East North Central, South Atlantic, and South Central regions.

* * * * * * * * * * *

Table 3.--Young chickens: Number of slaughtering plants under Federal inspection slaughtering young chicken and annual volume of slaughter of young chickens (livcweight) by size of plant and by region, 1962 and 1968

Year and region	Plants classified by annual volume pounds					Annual volume				
	Less than 5,200,000	5,200,000 to 15,599,000	15,600,000 to 51,999,000	52,000,000 and over	Total	Less than 5,200,000	5,200,000 to 15,599,000	15,600,000 to 51,999,000	52,000,000 and over	Total
	Number					Million pounds				
1962:										
North Atlantic	12	12	8	3	35	18	138	239	170	565
East North Central	17	11	---	---	28	28	103	---	---	131
West North Central	7	8	3	---	18	12	82	75	---	169
South Atlantic	8	20	51	13	92	13	189	1,546	811	2,560
South Central	9	28	1/56	9	1/102	19	304	1,566	538	1/2,427
West	4	9	1/	---	1/13	10	78	1/	---	1/88
Total	57	88	118	25	288	100	894	3,427	1,519	5,940
1968:										
North Atlantic	11	5	8	6	30	6	55	233	354	648
East North Central	16	2/	5	---	21	11	2/	2/97	---	108
West North Central	11	2/	8	---	19	10	2/	185	---	195
South Atlantic	10	11	40	28	89	11	143	1,328	2,005	3,487
South Central	7	7	60	22	96	10	68	2,009	1,622	3,709
West	8	7	4	---	19	7	70	88	---	165
Total	63	30	125	56	274	55	336	3,940	3,981	8,312

1/ Plants and volume for the South Central and West have been combined to avoid disclosure of individual plants.

2/ Plants and volume for 5,200,000 to 15,599,000 and 15,600,000 to 51,999,000 size groups have been combined to avoid disclosure of individual plant data.

Compiled by Economic Research Service from unpublished data of the Consumer and Marketing Service, USDA.

Table 4.--Turkeys: Number of slaughtering plants under Federal inspection slaughtering turkeys and annual volume of turkey slaughter (liveweight) by size of plant and by region, 1962 and 1968

Year and region	Plants classified by annual volume pounds				Annual volume			
	Less than 5,200,000	5,200,000 to 15,599,000	15,600,000 and over	Total	Less than 5,200,000	5,200,000 to 15,599,000	15,600,000 and over	Total
	Number				Million pounds			
1962:								
North Atlantic	36	1/	---	1/36	30	1/	---	1/30
East North Central ..	53	1/8	2/	2/61	69	1/66	2/	2/135
West North Central ..	35	22	2/12	2/69	54	202	269	2/525
South Atlantic	24	8	---	32	26	85	---	111
South Central	26	8	3/	3/34	32	78	3/	3/110
West	20	16	3/13	3/49	15	145	3/310	3/470
Total	194	62	25	281	226	576	579	1,381
1968:								
North Atlantic	24	3	---	27	20	23	---	43
East North Central ..	22	7	5	34	26	64	118	208
West North Central ..	11	21	14	46	9	221	359	589
South Atlantic	13	5	7	25	14	47	219	280
South Central	14	7	6	27	16	72	196	284
West	10	14	10	34	12	141	275	428
Total	94	57	42	193	97	568	1,167	1,832

1/ Plants and volume for North Atlantic and East North Central have been combined to avoid disclosure of individual plants.

2/ Plants and volume for East North Central and West North Central have been combined to avoid disclosure of individual plants.

3/ Plants and volume for South Central and West have been combined to avoid disclosure of individual plants.

Compiled by Economic Research Service from unpublished data of the Consumer and Marketing Service, USDA.

Table 1.--Eggs and poultry: Measures of production efficiency and prices, 1930-69 1/

Year	Eggs per layer	Feed units used per- 2/			Farm prices as reported			Price adjuster 3/	Adjusted prices		
		Dozen eggs produced	100 lb. broilers produced	100 lb. turkeys produced	Eggs per dozen	Broilers per pound	Turkeys per pound		Eggs per dozen	Broilers per pound	Turkeys per pound
	Number	Feed units	Feed units	Feed units	Cents	Cents	Cents		Cents	Cents	Cents
1935	122	6.5	488	690	23.4	20.0	20.1	45	52.0	44.4	44.7
1936	121	7.4	528	724	21.8	20.6	15.6	47	46.4	43.8	33.2
1937	130	6.2	483	651	21.3	21.4	18.1	51	41.8	42.0	35.5
1938	135	6.8	500	708	20.3	19.0	17.5	40	50.8	47.5	43.8
1939	134	7.1	465	709	17.4	17.0	15.7	39	44.6	43.6	40.3
1940	134	7.1	481	720	18.0	17.3	15.2	42	42.9	41.2	36.2
1941	139	7.3	490	723	23.5	18.4	19.9	51	46.1	36.1	39.0
1942	142	7.4	466	723	30.0	22.9	27.5	66	45.5	34.7	41.7
1943	142	7.8	482	666	37.1	28.6	32.7	80	46.4	35.8	40.9
1944	148	7.7	451	667	32.5	28.8	33.9	82	39.6	35.1	41.3
1945	152	7.4	448	650	37.7	29.5	33.7	86	43.8	34.3	39.2
1946	156	7.8	459	634	37.6	32.7	36.3	98	38.4	33.4	37.0
1947	160	7.3	448	630	45.3	32.3	36.5	114	39.7	28.3	32.0
1948	166	7.2	434	630	47.2	36.0	46.8	119	39.7	30.3	39.3
1949	170	7.2	410	610	45.2	28.2	35.2	103	43.9	27.4	34.2
1950	174	7.7	382	592	36.3	27.4	32.9	107	33.9	25.6	30.7
1951	177	7.2	374	561	47.7	28.5	37.5	125	38.2	22.8	30.0
1952	181	7.2	366	555	41.6	28.8	33.6	119	35.0	24.2	28.2
1953	186	7.2	359	561	47.7	27.1	33.7	105	45.4	25.8	32.1
1954	188	7.0	351	545	36.6	23.1	28.8	102	35.9	22.6	28.2
1955	192	6.5	340	536	39.5	25.2	30.2	96	41.1	26.2	31.5
1956	197	6.7	331	519	39.3	19.6	27.2	95	41.4	20.6	28.6
1957	199	6.8	318	573	35.9	18.9	23.4	97	37.0	19.5	24.1
1958	202	6.7	343	545	38.5	18.5	23.9	104	37.0	17.8	23.0
1959	207	6.6	321	520	31.4	16.1	23.9	100	31.4	16.1	23.9
1960	209	6.5	296	519	36.1	16.9	25.4	99	36.5	17.1	25.7
1961	210	6.4	287	599	35.6	13.9	18.9	99	36.0	14.0	19.1
1962	212	6.5	296	597	33.8	15.2	21.6	101	33.5	15.0	21.4
1963	213	6.4	297	620	34.5	14.6	22.3	100	34.5	14.6	22.3
1964	217	6.3	299	580	33.8	14.2	21.0	98	34.5	14.5	21.4
1965	218	6.1	282	566	33.7	15.0	22.2	103	32.7	14.6	21.6
1966	218	6.6	302	565	39.1	15.3	23.0	110	35.5	13.9	20.9
1967	221	6.6	305	538	31.2	13.6	20.7	105	30.3	13.1	19.9
1968 4/	220	6.6	302	532	32.8	14.3	21.5	108	30.4	13.2	19.9
1969 5/	219	7.0	280	546	37.4	15.5	22.5	114	32.8	13.6	19.7

1/ Includes Alaska and Hawaii beginning in 1961. 2/ A feed unit is the economic equivalent of a pound of corn. Data for crop year ending September 30. 3/ Index of prices received by farmers for all farm products 1957-59=100. 4/ Preliminary. 5/ Forecast.

Table 2.--Eggs, chicken, turkey and red meats: Civilian per capita consumption 1945-69 1/

Year	Eggs	Poultry, ready-to-cook weight				Red meats, carcass weight equivalent			
		Total	Chicken		Turkey	Total	Beef and veal	Pork excluding lard	Lamb and mutton
			Total	Approximate percentage that is broiler meat					
	Number	Pounds	Pounds	Percent	Pounds	Pounds	Pounds	Pounds	Pounds
1945	403	25.1	21.6	23	3.5	145	71.3	66.6	7.3
1946	379	23.1	19.4	21	3.7	154	71.6	75.8	6.7
1947	383	21.7	18.1	24	3.6	155	80.4	69.6	5.3
1948	389	21.4	18.3	30	3.1	145	72.6	67.8	5.1
1949	383	22.9	19.6	36	3.3	145	72.8	67.7	4.1
1950	389	24.7	20.6	42	4.1	145	71.4	69.2	4.0
1951	393	26.1	21.7	48	4.4	138	62.7	71.9	3.4
1952	390	26.8	22.1	53	4.7	146	69.4	72.4	4.2
1953	379	26.7	21.9	56	4.8	155	87.1	63.5	4.7
1954	376	28.1	22.8	60	5.3	155	90.1	60.0	4.6
1955	371	26.3	21.3	65	5.0	163	91.4	66.8	4.6
1956	369	29.6	24.4	71	5.2	167	94.9	67.3	4.5
1957	362	31.4	25.5	75	5.9	159	93.4	61.1	4.2
1958	354	34.0	28.1	78	5.9	152	87.2	60.2	4.2
1959	352	35.2	28.9	79	6.3	160	87.1	67.6	4.8
1960	334	34.1	28.0	84	6.1	161	91.1	64.9	4.8
1961	328	37.4	30.0	86	7.4	160	93.3	62.0	5.1
1962	326	36.9	29.9	86	7.0	163	94.3	63.5	5.2
1963	317	37.5	30.7	88	6.8	169	99.2	65.3	4.8
1964	318	38.3	31.0	89	7.3	174	105.0	65.3	4.2
1965	314	40.7	33.3	88	7.4	167	104.5	58.5	3.7
1966	313	43.8	36.0	89	7.8	170	108.5	58.0	4.0
1967	323	45.7	37.1	88	8.6	178	109.7	63.9	3.9
1968 2/	321	45.1	37.2	88	7.9	182	113.0	66.0	3.8
1969 3/	313	47.1	38.9	90	8.2	181	113.0	64.7	3.4

1/ Includes available data for Alaska and Hawaii beginning in 1960. 2/ Preliminary. 3/ Forecast.

Table 3.--Factors influencing and indicative of the demand for eggs and poultry, 1940-69 1/

Year	Total population July 1 2/	Employment: Average number of people employed	Per capita disposable income	BLS consumer price index (1957-59=100)	Civilian per capita disappearance				Price received by farmers			BLS retail price	
					Eggs	Ready-to-cook basis			Eggs per dozen	All chickens per pound	Turkeys per pound	Grade A large eggs per dozen	Broilers and fryers per pound
						Chicken		Turkey					
						Broilers	Other						
	Millions	Millions	Dollars		Number	Pounds	Pounds	Pounds	Cents	Cents	Cents	Cents	Cents
1945	139.9	52.8	1,074	62.7	403	5.0	16.6	3.5	37.7	27.0	33.7	58.1	---
1946	141.4	55.2	1,132	68.0	379	4.1	15.3	3.7	37.6	29.0	36.3	58.6	---
1947	144.1	57.8	1,178	77.8	383	4.3	13.8	3.6	45.3	28.2	36.5	69.6	---
1948	146.6	59.1	1,290	83.8	389	5.5	12.8	3.1	47.2	32.3	46.8	72.3	---
1949	149.2	58.4	1,264	83.0	383	7.1	12.5	3.3	45.2	26.6	35.2	69.6	3/61.2
1950	151.7	59.7	1,364	83.8	389	8.7	11.9	4.1	36.3	24.9	32.9	60.4	59.5
1951	154.3	60.8	1,469	90.5	393	10.4	11.3	4.4	47.7	27.0	37.5	73.7	61.8
1952	157.0	61.0	1,518	92.5	390	11.7	10.4	4.7	41.6	26.2	33.6	67.3	60.7
1953	159.6	61.9	1,583	93.2	379	12.3	9.6	4.8	47.7	25.3	33.7	69.8	59.7
1954	162.4	60.9	1,585	93.6	376	13.7	9.1	5.3	36.6	21.1	28.8	58.5	53.8
1955	165.3	62.9	1,666	93.3	371	13.8	7.5	5.0	39.5	23.4	30.2	60.6	55.9
1956	168.2	64.7	1,743	94.7	369	17.3	7.1	5.2	39.3	18.9	27.2	60.2	48.2
1957	171.3	65.0	1,801	98.0	362	19.1	6.4	5.9	35.9	18.0	23.4	57.3	46.9
1958	174.1	64.0	1,831	100.7	354	22.0	6.1	5.9	38.5	17.7	23.9	60.4	46.5
1959	177.1	65.6	1,905	101.5	352	22.8	6.1	6.3	31.4	15.3	23.9	53.0	42.0
1960	180.7	66.7	1,937	103.1	334	23.3	4.7	6.1	36.1	16.3	25.4	57.3	42.7
1961	183.8	66.8	1,983	104.2	328	25.8	4.2	7.4	35.6	13.4	18.9	57.3	38.5
1962	186.7	67.8	2,064	105.4	326	25.6	4.3	7.0	33.8	14.6	21.6	54.0	40.7
1963	189.4	68.8	2,136	106.7	317	26.9	3.8	6.8	34.5	14.1	22.3	55.1	40.1
1964	192.1	70.4	2,280	108.1	318	27.5	3.5	7.3	33.8	13.7	21.0	53.9	37.8
1965	194.6	71.1	2,432	109.9	314	29.4	3.9	7.4	33.7	14.4	22.2	52.7	39.0
1966	196.9	72.9	2,598	113.1	313	32.2	3.8	7.8	39.1	14.7	23.0	59.9	41.3
1967	199.1	74.4	2,733	116.0	323	32.7	4.4	8.6	31.2	12.7	20.7	49.6	38.1
1968	201.2	75.9	2,933	121.0	321	32.8	4.4	7.9	32.8	13.6	21.5	52.9	39.8
1969 5/	203.2	78.0	3,089	127.7	313	35.0	3.9	8.2	37.4	14.4	22.5	60.0	42.0

1/ Incluses available data for Alaska and Hawaii beginning in 1961.
2/ Includes armed forces overseas.
3/ 9 month average.
4/ Forecast.

Table 4.--Cold storage holdings of high-protein foods, October 1, 1969 with comparisons

Item	Unit	October 1, 1967	October 1, 1968	September 1, 1969	October 1, 1969
	Thousands	Thousands	Thousands	Thousands	Thousands
Total eggs 1/	Case	2,784	2,733	1,747	1,519
Shell	do.	253	150	120	85
Frozen	Pound	99,991	102,047	64,261	56,631
Total poultry 2/	do.	602,919	492,007	323,875	422,336
Broilers or fryers	do.	35,386	18,366	21,614	20,477
Roasters	do.	13,101	6,624	3,863	4,504
Hens, fowl	do.	56,587	36,655	20,906	23,519
Total turkeys	do.	441,454	385,943	237,128	329,154
Whole	do.	397,493	354,101	205,952	296,843
Other	do.	43,961	31,842	31,176	32,311
Ducks	do.	6,589	5,003	6,328	7,472
All red meat 3/	do.	537,408	516,820	513,076	557,319
Beef	do.	250,302	241,689	266,850	310,896
Frozen	do.	171,301	170,185	144,369	148,537
Pork in cooler	do.	31,347	26,875	23,915	27,108
Total cheese	do.	439,466	447,267	387,419	368,443

1/ Frozen eggs converted on the basis of 39.5 pounds to the case.
2/ Includes unclassified poultry.
3/ Includes other meat and meat products.

Table 5.--Egg supplies available to civilians for food, January-March, April-June, and July-September 1968-69

Item	Unit	January-March			April-June			July-September		
		1968	1969		1968	1969		1968	1969	
			Reported	Change from a year earlier		Reported	Change from a year earlier		Reported	Change from a year earlier
Beginning stocks	Mil. doz.	70.6	56.4	-14.2	64.0	40.8	-23.2	90.4	55.1	-35.3
Farm production	Mil. doz.	1,480.3	1,415.4	-64.9	1,482.9	1,474.8	-8.1	1,404.3	1,409.5	5.2
Imports	Mil. doz.	2.7	1.2	-1.5	.6	1.0	.4	.7	.7	0
Exports and shipments	Mil. doz.	11.8	8.4	-3.4	13.9	16.3	2.4	12.0	26.7	14.7
Military procurements	Mil. doz.	26.9	21.5	-5.4	30.4	23.7	-6.7	25.5	*18.5	7.0
Eggs used for hatching	Mil. doz.	95.2	100.4	5.2	98.3	104.5	6.2	84.0	*90.8	6.8
Supplies available to civilians for food:										
Total	Mil. doz.	1,419.7	1,342.7	-77.0	1,404.9	1,372.1	32.8	1,373.9	1,329.3	-44.6
Per capita	No.	86.5	81.0	-5.5	85.4	82.5	2.9	83.3	66.4	-16.9
Civilian population	Mil.	196.9	199.0	2.1	197.3	199.5	2.2	197.9	200.1	2.2

*Estimated.

Table 6.--Egg-type chick hatchery operations, United States and 5 States reporting weekly, 1968 to date

Month	United States				5 States 1/			Period 2/		
	Hatch		Percentage change from year earlier		Hatch				Egg settings advanced 3 weeks	
					Reported				Reported	
	1968	1969	Hatch	Eggs in incubators beginning of month	1968	1969	Percentage change from year earlier		1968	1969	Percentage change from year earlier
	Thousands	Thousands	Percent	Percent	Thousands	Thousands	Percent		Thousands	Thousands	Percent
January	33,517	37,708	13	13	9,679	10,344	7	Jan. 1-Feb. 1	13,979	14,952	7
February	38,590	39,706	3	8	10,663	11,274	6	Feb. 2-Mar. 1	13,469	14,548	8
March	53,759	52,687	-2	-3	13,368	13,820	3	Mar. 2-Mar. 29	15,428	15,810	2
April	62,300	60,188	-3	-9	13,462	14,168	5	Mar. 30-May 3	20,160	20,726	3
May	59,352	59,775	1	-1	13,141	13,508	3	May 4-May 31	15,210	15,834	4
June	44,998	47,905	6	5	12,088	11,836	-2	June 1-June 28	14,754	14,519	0
July	37,067	40,184	8	9	10,714	11,031	3	June 29-July 2	15,283	16,304	7
August	37,123	38,106	3	8	10,653	10,732	1	July 3 Aug. 30	12,322	12,537	2
September	37,489	39,440	5	3	11,816	11,660	-1	Aug. 31-Sept. 27	14,279	14,222	0
October	40,374			0	11,596		-11	Sept. 28-Nov. 1	16,887	16,531	-2
November	35,753				9,409			Nov. - 2-Nov. 15	6,414	5,871	-8
December	33,979				9,748						

1/ The five States are: Georgia, Illinois, California, Oregon and Washington.

2/ Weeks of 1969 and corresponding weeks of 1968.

3/ Change from a year earlier in August 31-September 27.

Table 7.--Egg-feed price ratios, replacements started and raised, and subsequent numbers of pullets on farms, 1950 to date 1/

Year	Egg-feed price ratio		Chickens raised 3/	Hatch of replacement pullet chicks 4/		Pullets on farms 5/		Farmers intentions to purchase chicks
	Weighted average 2/	Year ended June 30		Year ended June 30	Year ended September 30	October 1	January 1 follwoing	
	Lb.	Lb.	Mil.	Mil.	Mil.	Mil.	Mil.	
Reported:								
1950	9.6	11.4	620			283	258	---
1951	11.4	11.3	623			288	261	---
1952	9.1	10.7	561			259	238	---
1953	11.3	11.5	548			266	255	---
1954	10.9	11.6	540			273	257	---
1955	9.8	9.3	459			242	239	---
1956	12.2	11.9	471			259	250	---
1957	9.3	9.6	394			228	227	---
1958	11.9	11.6	421			254	246	---
1959	10.0	10.2	386	311	304	231	225	---
1960	9.6	9.5	330	256	262	225	214	---
1961	11.5	11.4	340	281	288	235	227	---
1962	10.1	10.1	320	276	278	229	221	---
1963	10.2	9.9	314	280	285	235	226	---
1964*	9.8	9.6	316	286	290	245	250	---
1965	7.6	7.8	301	274	276	255	243	---
1966	9.5	8.8	340	300	310	290	283	---
1967	7.9	8.2	324	317	315	235	279	---
1968	7.4	7.3	301	278	282	203	272	---
1969	9.9	9.4		298	301	216		---
Percent of preceding year:	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
1950	76	88	88			87	90	88
1951	119	99	101			102	101	96
1952	80	95	90			90	91	90
1953	124	107	98			103	107	96
1954	96	101	99			103	101	100
1955	90	80	85			89	93	82
1956	124	128	103			107	105	103
1957	76	81	84			88	91	91
1958	128	121	107			111	109	106
1959	84	88	92			91	91	99
1960	96	93	85			97	95	91
1961	120	120	103	82	86	104	106	112
1962	88	89	94	110	110	97	97	101
1963	101	98	98	101	100	103	102	106
1964	96	97	101	102	103	104	111	101
1965	93	98	95	96	95	104	97	97
1966	125	113	113	109	112	114	116	101
1967	93	93	95	106	102	81	99	103
1968	94	89	93	88	90	86	97	99
1969	134	129		107	107	106		95

1/ Includes available data for Alaska and Hawaii beginning in 1961. 2/ Weights are as follows: Preceding November 1; preceding December 2; January 3; February 4; March 5; April 3; May 1. 3/ For farm flock replacement; excluding specialized broilers, but including broiler breeder stock. 4/ One-half of reported hatch of egg-type chicks plus pullet chicks placed domestically for broiler hatchery supply flocks. 5/ Laying and not yet laying. *Prior to January 1968, poultry feed was reported in number of pounds; beginning January, 1968 laying feed replaced poultry feed and is reportcd in number of tons.

Table 8.--Egg-type replacement hatch, by quarters, 1956-69

Year	First quarter	Second quarter	Third quarter	Fourth quarter	Year
	Million	Million	Million	Million	Million
1956	136.4	151.4	22.3	23.9	334.0
1957	97.9	123.8	17.2	20.4	259.4
1958	104.3	142.8	24.8	26.4	298.2
1959	107.5	121.3	20.6	21.0	270.5
1960	66.6	120.4	25.9	26.9	239.8
1961	86.2	111.7	32.1	32.9	262.9
1962	73.7	109.6	34.0	33.7	251.0
1963	72.5	109.3	39.7	35.9	257.4
1964	74.0	107.0	43.7	39.5	264.2
1965	63.9	94.5	45.3	40.8	244.5
1966	71.1	106.0	53.2	54.4	284.7
1967	76.1	95.2	52.3	43.8	267.4
1968	62.9	83.3	55.8	55.1	257.1
1969	65.1	83.9	58.9		

Table 9.--Broiler pullets placed for hatchery supply flocks, by quarters, 1956-1969

Year 1/	First quarter	Second quarter	Third quarter	Fourth quarter	Year
	Million	Million	Million	Million	Million
1956	7.0	8.1	5.5	5.6	26.2
1957	6.4	8.0	5.0	6.5	25.9
1958	7.0	10.0	7.9	6.5	31.4
1959	7.3	8.8	5.5	5.3	26.9
1960	6.1	10.0	6.6	6.2	28.9
1961	7.9	10.0	6.7	5.2	29.8
1962	7.8	7.8	7.2	6.1	28.9
1963	6.9	10.3	6.9	6.3	30.4
1964	7.9	8.2	7.8	6.6	30.5
1965	8.3	10.1	7.6	7.9	33.9
1966	9.5	11.6	9.8	8.8	39.7
1967	9.2	10.5	8.4	8.3	36.4
1968	8.6	10.3	8.8	9.3	37.0
1969	9.3	10.9	9.0		

1/ Additional coverage beginning in 1964 accounted for approximately 4 percent more pullets than previous years.

Table 10.--Storage movement of shell and frozen eggs, by months, averages 1951-55, 1956-60, 1961-65 and 1966 to date

Month	Average			1966	1967	1968	1969
	1951-55	1956-60	1961-65				
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
January	-275	-253	-262	-341	58	-113	-283
February	284	-170	-163	-304	84	-138	-119
March	1,058	351	102	-96	60	34	-119
April	1,546	877	336	232	375	137	69
May	1,873	1,381	735	275	544	334	158
June	829	987	627	368	505	408	250
July	-342	-9	159	136	169	22	53
August	-966	-447	-126	-74	81	-48	-142
September	-1,039	-669	-254	-126	-6	-255	-228
October	-1,048	-719	-393	-233	-103	-216	
November	-1,016	-746	-473	-209	-139	-346	
December	-749	-626	-354	-62	-220	-291	

Table 11.--Pullet chicks placed for laying flocks, by months, 1963-67 average and 1967-69 to date 1/

Month	1963-67 average 2/	1967	1968	1969
	Millions	Millions	Millions	Millions
January	19.2	22.5	19.2	21.8
February	23.5	26.1	22.1	22.7
March	37.1	36.7	30.2	29.9
April	45.1	40.7	34.8	33.6
May	40.5	37.4	32.7	33.9
June	26.9	27.6	26.1	27.4
July	19.2	19.7	21.4	23.1
August	17.7	20.7	21.4	22.1
September	18.1	20.3	21.9	22.7
October	18.0	19.1	23.1	
November	16.3	16.8	21.0	
December	16.1	16.2	20.1	
Total	297.8	303.9	294.1	

1/ One-half egg-type chick hatched plus pullet chicks placed domestically for broiler hatchery supply flocks by leading breeders.

2/ 1963 excludes placements by a few broiler breeders which were covered for the first time in 1964.

Table 12.--Layers and potential layers, October 1 and following January 1, 1960 to date

Year	October 1					Mature chickens slaughtered under Federal inspection Oct.-Dec.	Flock replacement pullets hatched in June-Oct.
	Layers			Pullets not yet laying	Potential layers 1/		
	Hens	Pullets	Total				
	Millions	Millions	Millions	Millions	Millions	Millions	Millions
Reported:							
1960 2/	169	122	291	93	383	41	69
1961	154	147	301	88	389	41	73
1962	162	140	302	89	391	44	78
1963	161	139	300	96	396	46	85
1964	161	144	305	101	407	47	95
1965	170	133	304	74	378	42	96
1966	168	143	312	85	397	46	116
1967	165	157	321	78	400	47	107
1968	180	133	314	69	383	41	114
1969	169	144	313	71	385		5/118
Change from year before 3/:							
1960 4/	9	-25	-16	8	-8	1	17
1961 4/	-15	26	11	-5	6	6/	4
1962	8	-7	1	2	2	3	5
1963	-1	-1	-2	7	6	2	7
1964	6/	5	5	5	10	6/	10
1965	9	-11	-2	-21	-29	-4	1
1966	-2	10	13	20	20	4	20
1967	-3	14	10	-10	3	1	9
1968	15	-24	-7	-6	-17	5	7
1969	-11	11	6/	5	2		4

	January 1 following year				
	Layers			Pullets not yet laying	Potential layers
	Hens	Pullets	Total		
	Millions	Millions	Millions	Millions	Millions
Reported:					
1960 2/	127	193	319	32	352
1961	133	176	309	38	348
1962	132	183	315	44	359
1963	136	174	310	47	357
1964	137	173	310	54	364
1965	137	176	313	36	349
1966	143	166	309	37	346
1967	138	187	325	44	369
1968	139	190	329	45	374
1969	142	175	317	46	363
Change from year before 3/:					
1960 4/	6	-7	-11	-4	-15
1961 4/	7	-17	-10	6	-4
1962	-2	7	6	5	11
1963	4	-10	-5	4	-1
1964	1	-1	6/	7	6
1965	-1	4	3	-18	-14
1966	6	-10	-4	1	-3
1967	-5	21	16	7	23
1968	1	3	4	6/	5
1969	2	15	-12	2	-11

1/ Layers plus pullets not yet laying. 2/ Data for 48 States. 3/ Computed from unrounded data. 4/ Based on data for 48 States. 5/ Partly estimated. 6/ Less than .05.

Table 13.--Changes from the preceding year in selected broiler industry statistics, 1962 to date 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
	Pullet chicks placed for broiler hatchery supply flocks 7-14 months earlier											
1962	13	11	9	7	2	-3	-6	-6	-6	-7	-9	-11
1963	-12	-11	-10	-8	-6	-3	-1	2	7	8	9	8
1964	8	7	6	7	8	9	8	5	3	1	-2	-5
1965	-6	-5	-5	-6	-7	-6	-3	2	4	5	7	10
1966	12	11	10	9	9	10	10	10	10	11	12	14
1967	16	17	18	18	20	20	20	20	17	10	6	-0
1968	-4	-7	-8	-10	-12	-11	-10	-13	-19	-8	-6	-5
1969	-3	-3	-2	-1	1	3	4	7	8	8	6	10
1970	8	8	9	8	7							
	Broiler chick placements in 22 or 23 States advanced 2 months to expected marketing month											
1962	0	3	2	2	-1	0	-2	-1	-1	3	12	19
1963	18	10	4	-1	0	2	6	7	5	2	0	1
1964	4	6	6	5	3	1	-1	1	4	5	5	4
1965	2	3	5	6	7	7	9	11	11	13	13	14
1966	13	14	14	12	10	9	9	8	8	10	11	11
1967	8	3	2	3	4	2	0	-1	1	-1	-3	-4
1968	-3	-0	1	-2	-3	-1	1	1	0	2	4	6
1969	4	5	6	8	8	8	7	7	9	11	9	
	Broiler prices received by U.S. producers											
1962	-3	-3	-3	-1	4	11	18	27	29	26	12	0
1963	-7	-6	-2	2	3	1	-3	-8	-9	-6	-3	-3
1964	-7	-7	-10	-9	-7	-3	0	3	3	2	1	1
1965	4	6	8	10	11	10	7	2	0	0	2	7
1966	9	10	8	8	5	5	3	3	-1	-4	-10	-13
1967	-13	-13	-12	-17	-16	-15	-14	-14	-13	-12	-8	-7
1968	-4	-2	0	5	8	10	11	12	10	10	10	11
1969	7	5	4	3	3	2	8	12	13			
	Prices paid to commercial hatcheries for broiler-type chicks 2/											
1962	-22	-20	-19	-16	-11	-5	4	15	23	25	20	15
1963	11	10	12	14	13	6	0	-6	-8	-8	-8	-9
1964	-11	-13	-14	-13	-10	-5	-4	-3	-4	-4	-1	4
1965	10	15	18	21	19	16	11	6	0	-3	-5	-3
1966	-1	0	1	2	5	7	8	9	9	6	1	-5
1967	-7	-16	-19	-22	-22	-21	-21	-23	-24	-21	-17	-11
1968	-6	3	10	15	17	15	15	17	21	21	21	19
1969	17	12	8	4	-1	-2	1	4	5			
	Prices paid to Georgia producers for hatching eggs											
1962	-22	-22	-24	-22	-14	-3	9	24	33	34	28	23
1963	21	24	31	35	29	15	5	-1	-1	-1	-3	-8
1964	-14	-18	-18	-17	-13	-8	-12	-11	-11	-4	-1	4
1965	9	13	15	16	14	10	6	2	-2	-3	-3	-1
1966	0	0	0	1	3	5	5	7	7	5	0	-4
1967	-8	-11	-12	-13	-13	-13	-13	-14	-15	-13	-10	-7
1968	-3	2	6	8	9	8	9	11	13	14	14	13
1969	11	8	6	2	8	7	8	0	6			

1/ Fluctuations in monthly data reduced by the use of 3-month moving averages. 2/ U.S. average prices 1962 through November 1964 and Georgia price thereafter.

Table 14.--Weekly broiler chick placements in 22 States related to 1968 and 1969 U.S. broiler production

State	Data related to 1968 broiler production					Data related to 1969 broiler production			
	Weekly broiler chick placements			Number of broilers produced 1968		Weekly broiler chick placements			
	Last 9 weeks of 1967	First 43 weeks of 1968	1967-68 total	As reported	As a percentage of advanced placements	Last 9 weeks of 1968	First 43 weeks of 1969	1968-69 total	1968-69 as a percentage of corresponding 1967-68 total
	Millions	Millions	Millions	Millions	Percent	Millions	Millions	Millions	Percent
Maine	12.3	61.7	74.0	72.4	98	11.9	63.2	75.2	102
Connecticut	1.3	6.9	8.3	8.1	98	1.0	5.9	6.8	82
Pennsylvania	7.8	39.0	46.8	45.4	97	7.9	42.7	50.6	108
Indiana	2.8	14.9	17.7	17.1	97	3.0	12.3	15.3	86
Missouri	3.3	16.9	20.2	20.4	101	3.3	19.1	22.4	111
Delaware	19.9	100.7	120.6	114.9	95	21.2	117.8	139.0	115
Maryland	26.0	140.3	166.3	157.9	95	28.9	153.8	182.7	110
Virginia	9.2	50.0	59.2	57.0	96	10.1	55.3	65.4	110
West Virginia	2.6	14.3	17.0	16.5	97	2.5	14.4	16.9	99
North Carolina	42.8	227.7	270.6	262.9	97	42.6	245.4	288.0	107
South Carolina	3.1	17.1	20.2	19.5	97	3.2	20.2	23.4	116
Georgia	72.9	380.7	453.7	436.7	96	76.4	379.2	455.6	100
Florida	6.1	31.3	37.4	35.5	95	6.0	34.6	40.6	109
Tennessee	6.9	36.7	43.6	42.1	97	8.1	40.3	48.4	111
Alabama	55.6	283.0	338.6	328.5	97	57.6	307.3	364.9	108
Mississippi	34.5	180.7	215.2	203.5	95	36.7	197.8	234.5	109
Arkansas	59.3	314.7	374.0	369.0	99	62.2	357.9	420.1	112
Louisiana	6.9	37.0	43.9	42.8	97	7.8	40.2	48.0	109
Texas	26.3	140.5	166.8	161.9	97	27.9	148.6	176.5	106
Washington	3.4	18.9	22.3	21.3	96	3.2	19.2	22.5	101
Oregon	2.1	12.5	14.6	13.8	95	2.3	12.9	15.3	105
California	11.4	59.2	70.6	67.7	96	13.0	67.6	80.6	114
Total 22 States	416.4	2,184.8	2,601.3	2,514.9	97	436.8	2,355.7	2,792.7	107
U.S. total				2,599.5					

Table 15.--Export payments on Chicken to Switzerland, 1968-69 1/

Week ending	Amount purchased		Price range paid per pound		Cost of purchase	
	Weekly	Cumulative	Neck and giblets		Weekly	Cumulative
			With	Without		
	1,000 pounds	1,000 pounds	Cents		1,000 dollars	1,000 dollars
1968						
May 8	150	150	16.5-17.5		25,350	25,350
15	180	330	16.5-17.5		30,900	56,250
23	60	390	16.5-17.5		10,200	66,450
29	90	480	16.5-17.5		15,150	81,600
June 5	180	660	16.5-17.5		30,900	112,500
12	150	810	16.5-17.5		25,950	138,450
19	1,430	2,240	17.0-18.0		251,700	390,150
26	280	2,520	17.0		47,600	437,700
July 3	66	2,586	17.0		11,220	448,970
10	70	2,656	17.0-18.0		12,200	461,170
17	30	2/2,466	17.0		5,100	2/428,870
24	280	2,746	17.0		47,000	476,470
Aug. 7	420	3,166	17.0-18.0		72,600	549,070
28	1,820	5,006	16.5-17.5		314,000	863,070
Sept. 11	200	5,206	16.5-17.5		34,000	897,070
18	441	5,647	16.5		72,765	969,835
Oct. 9	30	5,677	13.75		4,125	973,960
16	708	6,385	13.50-13.75		96,680	1,070,640
30	430	6,815	14.75		63,425	1,134,065
Nov. 6	575	7,390	14.25-14.75		84,330	1,218,395
Dec. 11	840	8,230	15.50-16.75		138,200	1,356,595
31	38	8,268	16.25		6,175	1,362,770
1969						
Jan. 8	441	8,709	15.50		68,355	1,431,125
15	400	9,109	16.75		67,000	1,498,125
29	1,216	10,325	15.75-17.00		200,745	1,698,870
Mar. 12	30	10,355	16.50		4,950	1,704,000
19	600	10,955	16.50-17.90		106,000	1,810,000
Apr. 3	310	11,265	16.50-80-17.90		3/52,559	1,849,000
9	75	3/11,340	16.80		12,600	1,875,000
16	719	12,059	16.25-55-17.90		126,000	2,000,000
23	465	12,524	15.75-17.00		75,738	2,076,000
May 7	1,960	14,484	16.25-17.90		348,860	2,424,860
14	569	15,053	16.90-17.00		96,000	2,520,860
28	500	15,553	18.0		90,000	2,610,860
June 4	400	15,953	17.0		68,000	2,678,860
11	1,260	17,213	17.0-18.0		222,000	2,900,860
18	38	17,251	16.75		6,365	2,907,225
July 2	636	17,887	17.0-18.0		113,480	3,020,705
16	600	18,487	17.0-18.0		107,000	3,127,705
23	677	19,164	17.0-18.0		116,090	3,243,795
Aug. 6	190	19,354	16.25-17.00		32,395	3,276,190
20	152	19,506	17.00-18.00		26,600	3,302,790
27	266	19,772	17.00-18.00		47,000	3,369,790
Sept. 4	116	19,888	17.00-18.00		20,880	3,370,670
11	269	20,157	17.00-18.00		46,510	3,417,180
17	90	20,247	18.00		16,200	3,433,380
24	270	20,517	17.00-18.00		47,920	3,481,300
Oct. 22	190	20,707	16.50-17.50		32,650	3,513,950
28	272	20,979	16.50-17.50-17.75		47,030	3,560,980

1/ No acceptable offers received for weeks not listed. 2/ Quantity and cost revised downward. 3/ Totals revised to reflect an acceptance not previously reported.

Table 16.--Turkeys for breeding on January 1: Farmers' intentions and reported numbers, 15 important States, 1968 to date

State	Heavy breeds							
	Intentions-Percentage of year before 1/			Breeders on hand as of January 1, 1969				
				Number			Percentage of year before	
	1968	1969	1970	1967	1968	1969	1968	1969
New York	80	75	100	13	12	11	92	100
Pennsylvania	120	105	86	35	25	29	71	117
Ohio	82	55	2/	162	140	126	96	112
Michigan	105	90	105	91	82	91	90	120
Wisconsin & Minnesota	2/	97	104	476	381	382	79	93
Iowa	96	98	83	152	132	127	87	82
Missouri	100	110	2/	196	171	164	92	119
Virginia	98	114	115	50	45	46	74	83
South Carolina	95	107	105	75	78	94	85	125
Oklahoma	2/	2/	2/	46	2/	2/	52	112
Texas	97	112	2/	420	370	418	94	127
Washington	95	82	82	21	22	22	105	95
Oregon	90	2/	2/	4/	4/	4/		
California	87	109	100	981	726	690	73	108
Total 15 States	90	104	100	2,718	2,184	1,819	82	100
	Beltsville and other light breeds							
New York	---	---	---	0	0	0	0	0
Pennsylvania	150	33	100	4	7	7	175	100
Ohio	32	25	2/	27	1	1	15	90
Michigan	100	85	100	7	7	6	100	100
Wisconsin & Minnesota	2/	101	95	165	162	161	98	123
Iowa	56	100	---	11	3	---	27	79
Missouri	75	75	2/	15	10	5	100	38
Virginia	75	95	90	105	57	46	62	142
South Carolina	---	---	---	0	0	0		
Oklahoma	2/	2/	2/	14	4/	4/	71	156
Texas	75	33	2/	3	3	1	100	75
Washington	---	---	---	0	0	0	0	0
Oregon	80	2/	2/	2/	4/	4/	---	---
California	133	100	138	6	14	16	183	100
Total 15 States	82	97	109	362	127	401	35	90

1/ Farmers' September intentions to hold turkey breeders at beginning of following year as a percentage of a year earlier.
2/ Included in 15 State percentage.
3/ Not shown to avoid disclosing individual operations.
4/ Numbers for heavy and light breeds not shown separately to avoid disclosing individual operations.

Table 17.--Turkeys: Monthly hatchings, by breed type, advanced to indicate prospective month of marketing, 48 States, 1964 to date

Month of marketing	Light breeds advanced 4 months			Heavy breeds: Hens advanced 5 months			Heavy breeds: Toms advanced 6 months			All turkeys: Sum of preceding columns *		
	1964	1965	1966	1964	1965	1966	1964	1965	1966	1964	1965	1966
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
January	0.5	0.7	0.7	0.8	0.8	1.2	3.0	3.2	4.1	4.4	4.7	6.0
February	0.5	0.7	0.9	0.4	0.3	0.5	0.8	0.8	1.2	1.6	1.8	2.6
March	0.5	0.6	0.7	0.5	0.4	0.4	0.4	0.3	0.5	1.3	1.3	1.6
April	0.6	0.6	0.9	0.7	0.4	0.6	0.5	0.4	0.4	1.7	1.4	1.9
May	0.7	0.8	1.1	0.9	0.7	1.1	0.7	0.4	0.6	2.3	1.9	2.8
June	0.8	0.8	0.9	1.6	1.6	2.4	0.9	0.7	1.1	3.4	3.1	4.4
July	1.0	1.1	1.2	3.7	3.9	5.1	1.6	1.6	2.4	6.4	6.6	8.6
August	1.3	1.3	1.5	8.8	9.1	10.0	3.6	3.9	5.1	13.7	14.4	16.6
September	1.8	1.7	1.9	10.1	10.4	11.1	8.8	9.1	10.0	20.7	21.2	23.0
October	1.8	1.7	2.1	10.0	10.6	11.3	10.1	10.4	11.1	21.8	22.8	23.4
November	1.7	1.8	2.6	7.5	8.1	8.3	10.0	10.6	11.3	19.2	20.5	22.2
December	1.3	1.2	1.9	3.2	4.1	3.9	7.5	9.1	8.3	12.0	13.3	14.1
	1967	1968	1969	1967	1968	1969	1967	1968	1969	1967	1968	1969
January	1.4	1.2	1.0	0.8	1.1	0.9	3.9	4.2	4.0	6.1	6.5	6.0
February	1.4	1.1	1.0	0.4	0.6	0.5	0.8	1.1	0.9	2.5	2.8	2.5
March	1.2	0.9	0.8	0.5	0.8	0.6	0.4	0.6	0.5	2.1	2.3	1.9
April	1.1	0.9	0.6	0.8	0.9	0.7	0.5	0.8	0.6	2.4	2.6	2.0
May	1.1	0.8	0.7	1.8	1.2	1.1	0.8	0.9	0.7	3.6	3.0	2.6
June	1.0	0.7	0.6	3.7	2.1	2.6	1.8	1.2	1.1	6.4	4.0	4.4
July	1.1	0.9	0.8	6.5	4.1	4.7	3.7	2.1	2.6	11.3	7.1	8.2
August	1.0	1.2	1.0	10.9	8.4	8.7	6.5	4.1	4.7	18.4	13.7	14.4
September	1.3	1.3	1.0	11.1	9.5	9.7	10.9	8.4	8.7	23.3	19.2	19.4
October	2.0	1.9	1.4	11.3	10.0	9.9	11.1	9.5	9.7	24.3	21.4	21.0
November	2.5	2.2	1.6	8.8	7.9	7.9	11.3	10.0	9.9	22.6	20.1	19.4
December	2.3	1.6	1.3	4.2	4.0	4.1	8.8	7.9	7.9	15.4	13.5	13.2

* Detail may not add exactly to totals due to rounding.

Table 18.--Turkey hatchery operations, United States and 10 States reporting weekly, January 1968 to date

Month	United States				10 States 1/						
	Hatch		Percentage change from year earlier		Period 2/	Hatch			Egg settings advanced 4 weeks		
						Reported		Percentage change from a year earlier	Reported		Percentage change from a year earlier
	1968	1969	Hatch	Eggs in incubators beginning of month		1968	1969		1968	1969	
	Thousands	Thousands	Percent	Percent		Thousands	Thousands	Percent	Thousands	Thousands	Percent
January	5,041	5,924	18	7	Feb. 2-Mar. 1	6,090	6,576	8	9,808	10,412	6
February	8,920	10,054	13	14	Mar. 2-Mar. 29	11,198	11,604	4	17,487	17,694	1
March	17,781	18,167	2	1	Mar. 30-May 3	15,960	16,050	1	25,195	25,043	-1
April	20,256	20,447	1	1	May 4-May 31	13,161	13,000	-1	22,330	21,594	-3
May	21,250	20,758	-2	-6	June 1-June 28	11,805	11,320	-4	21,310	20,015	-6
June	17,678	17,098	-3	-7	June 29-Aug. 2	6,732	6,624	-2	15,395	15,130	-2
July	10,213	9,806	-4	-2	Aug. 3-Aug. 30	1,971	2,152	9	3,556	3,993	12
August	3,493	3,866	11	16	Aug. 31-Sept. 30	1,073	910	-15	1,822	1,549	-15
September	2,070	1,604	-23	-21	Sept. 28-Nov. 1	1,052	725	-31	2,223	1,422	-36
October	2,257			-26	Nov. 2-Nov. 22				1.081	1.100	2
November	2,252										
December	2,904										

1/ The 10 States are California, Iowa, Missouri, Ohio, Oregon, South Carolina, Texas, Virginia, Minnesota and Wisconsin. Beginning with the period August 3, 1968, comparison are for 6 States only: California, Virginia, Missouri, Ohio, Minnesota and Wisconsin.

2/ Weeks of 1969 and corresponding weeks of 1968.

Table 19.--Selected poultry and egg statistics 1/

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Tables 19-21.--Egg Prices: Average price per dozen at mid-month for shell eggs and per pound for frozen egg products													
United States, received by farmers													
1967	Cents	37.8	32.8	34.7	30.0	28.8	27.4	29.9	29.9	32.0	28.7	29.8	32.3
1968	Cents	31.8	30.3	30.6	29.0	27.3	30.5	32.9	34.3	43.0	37.8	39.1	42.2
1969	Cents	43.0	38.6	39.5	36.5	30.2	31.3	37.5	35.5	40.2	40.0		
Grade A large eggs in retail stores in urban areas 2/ 3/													
1967	Cents	60.3	51.8	52.4	49.2	46.6	44.4	44.0	51.2	49.9	49.9	46.4	48.9
1968	Cents	47.3	49.5	47.8	49.8	45.4	46.5	49.3	55.0	60.7	64.3	56.9	62.2
1969	Cents	66.4	64.4	60.1	60.8	53.9	51.3	53.0	63.4	63.0			
New York, wholesale prices													
Extras, white													
Large, 75 percent A 4/													
1967	Cents	39-40½	33-34½	35½-37	27½-28½	28-29½	28½-30	36½-37½	31½-33	35-36½	30-31	33	37½
1968	Cents	35-36½	31½-33	33-34	30-31	26-26½	33-34	38	40½-41½	54½-55	43	46½	49½-50
1969	Cents	50	42½-43	46-46½	39½	33-33½	35	49	40	50½	45½		
Medium													
1967	Cents	34½-36	26½-28	33½-34½	24-25	23½-25	19½-20½	23½-25	23-24	28-29½	21½-22½	27½-28½	30-31
1968	Cents	31½-33	28½	30-31	24-25	21-23	25½-27	32-33	33½-34½	46-47	34-35	41½-42½	47
1969	Cents	47½-48½	37½-39½	38-39½	36-37½	25½-26½	23-25	36-37	32½-33	41-41½	43-44		
Frozen egg													
Whole egg, light colored													
1967	Cents	30.21	27.00	25.93	24.27	24.50	24.60	24.29	24.32	23.79	22.27	22.50	22.44
1968	Cents	21.86	21.45	22.17	22.29	22.19	23.48	23.82	23.53	24.69	26.68	27.29	27.14
1969	Cents	27.33	27.29	27.53	27.31	26.39	25.84	26.92	28.44	31.16	35.15		
White													
1967	Cents	11.60	10.56	10.64	11.03	11.50	11.61	11.54	12.10	12.64	11.97	11.64	11.53
1968	Cents	11.50	11.50	11.72	11.92	11.92	12.13	12.65	13.98	14.41	16.36	16.78	16.71
1969	Cents	16.99	17.03	17.00	17.32	16.76	16.65	17.47	18.99	21.30	22.77		
Yolks, light colored, sugared, 43 percent solids													
1967	Cents	55.28	48.94	45.28	41.41	41.78	42.00	42.25	41.97	41.14	38.90	38.18	38.83
1968	Cents	38.44	38.00	38.31	37.79	37.57	39.08	39.92	39.67	41.20	44.76	46.08	46.56
1969	Cents	47.16	46.66	45.47	44.40	42.75	42.39	43.91	45.46	50.04	54.83		
Chicago, weighted average prices, delivered													
Extras, white, 80 percent A													
Large													
1967	Cents	40.95	32.92	36.82	30.36	30.94	30.35	37.44	32.41	36.74	33.77	33.07	37.74
1968	Cents	38.23	32.24	14/	31.00	30.06	14/	14/	42.63	56.52	43.82	47.76	50.70
1969	Cents	51.34	45.00	47.12	40.72	36.14	36.61	14/	14/	51.66	48.37		
Medium													
1967	Cents	35.34	28.22	31.19	26.00	23.00	21.93	24.78	24.89	28.74	22.98	25.42	27.53
1968	Cents	30.00	27.28	27.42	14/	24.04	27.85	31.00	33.68	43.85	32.06	40.34	45.28
1969	Cents	46.93	35.86	37.27	35.82	25.86	27.27	36.39	35.67	39.80	42.28		
Iowa, received by farmers 4/													
Buyer quality and volume incentive													
Large													
1967	Cents	32-36½	25½-30½	29-33	23½-27½	22½-26½	22½-26½	27½-31½	24-28	28½-32½	23½-28	24-29½	29½-32
1968	Cents	26½-29	24½-26½	26-28	25½-31	20½-24	28½-32	31-33	35-36½	47-49	34-37	39-40	40-42
1969	Cents	42½-44½	36-38	38½-39½	32½-33½	24½-26½	28-29½	40-42½	33-34	42½-44½	38½-40		
Medium													
1967	Cents	26-32½	19-25½	24½-29½	18½-23½	16-20	13½-19	17-22	15½-22	20½-25½	16-20	18-23	22½-24½
1968	Cents	23-24½	22½-24	22½-23½	21½-22½	16½-19	21-23	25½-27	26½-29	36-39	26-28	34-36	37-38
1969	Cents	40½-42½	29½-31½	28½-31½	27½-29½	16½-18½	19-21½	28-31	25-30	32-33	35-36		
Georgia, prices received by producers 4/													
Grade A, large													
1967	Cents	36	30	32	24½-25	25-25½	25-25½	30½-32	27½	31½	29½	28½	29½-32
1968	Cents	37	26½-27½	29	26-27	23-24	29½-32	33-36	36½-37	50-51	39-40	41-42	41-42
1969	Cents	45½-46½	38-39	41½-42	33½-34½	27-28	30-31	41-43	34-34½	43½-45	39½		

See footnotes on page 39.

Continued-

Table 19.--Selected poultry and egg statistics 1/-Continued

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Tables 19-21.--Egg Prices: Aversge price per dozen at mid-month for shell eggs and per pound for frozen egg products -Continued													
Georgia, received by producers 4/													
Grade A, medium													
1967	Ct.	31	23-24	29	21-22	19½-20	16½-17½	20½	19	24½-25	24½-25	23-23½	22½
1968	Ct.	28	24	25½	20-21	19½	22½-26½	27½-30	29	41-42	31-32	37	31
1969	Ct.	43½	34-34½	34	31½-32	20-21	18-19	29-30	25-26½	35½-36	37		
Los Angeles, delivered to retailers, cartoned, Grade AA													
Large													
1967	Ct.	43-63	43-48	43-48	37-42	37-42	34-40	34-40	38-44	39-45	35-41	35-41	37-43
1968	Ct.	37-43	26-42	34-40	30-36	31-37	31½-36½	36-41	37-40	46-49	43-46	42-45	49-52
1969	Ct.	49-52	45-48	46-49	40-43	33-36	36-39	46-49	42-45	49-52	46-49		
Medium													
1967	Ct.	41-55	39-43	39-43	33-37	33-37	31-35	31-35	32-33	34-38	33-36	32-36	34-38
1968	Ct.	36-40	33-37	32-36	28-32	28-32	27½-31½	32-37	33-36	40-43	39-42	39-42	46-49
1969	Ct.	46-49	41-44	43-46	37-40	27-30	32-35	40-43	36-39	42-45	43-46		
Tables 22-24.--Aversge broiler prices per pound													
Live weight													
United States, at farm													
1967	Ct.	13.9	15.2	14.2	13.9	13.2	13.6	14.4	13.0	12.5	12.4	11.8	12.0
1968	Ct.	13.4	14.9	14.6	14.1	14.6	15.0	15.5	14.9	13.9	12.7	13.5*	13.5
1969	Ct.	14.3	15.0	15.3	14.7	14.8	15.2	17.3	16.5	15.6	14.7		
Ready-to-cook weight													
9-city weighted average 5/													
1967	Ct.	25.32	27.24	26.11	25.65	25.28	25.55	27.28	25.11	24.95	23.79	22.95	22.99
1968	Ct.	25.64	28.11	27.96	27.33	27.57	28.14	29.01	28.19	27.62	25.08	25.73	25.73
1969	Ct.	27.14	28.41	28.90	28.36	29.63	30.21	32.78	30.99	29.63	28.39		
Frying chickens in retail stores in urban sress 2/ 3/													
1967	Ct.	36.9	38.8	38.6	38.5	38.5	37.2	38.7	38.7	39.1	37.3	37.0	37.4
1968	Ct.	38.0	38.0	41.5	40.6	39.7	39.9	39.9	40.9	41.3	39.9	39.2	39.2
1969	Ct.	39.1	40.0	41.1	42.2	40.8	42.7	44.4	44.5	44.7			
Chickens breasts, in retail urban areas 2/ 6/													
1967	Ct.	67.1	68.7	67.9	68.1	68.1	67.2	68.2	68.3	68.7	67.5	67.3	67.8
1968	Ct.	67.7	67.8	70.5	69.8	69.3	69.2	69.4	70.3	71.2	70.8	69.9	70.0
1969	Ct.	70.5	70.7	71.6	72.6	71.0	73.2	74.4	76.9	77.4			
Broilers, delivered, trucklots (U.S. and plant, Grade A)													
Chicago													
1967	Ct.	24.8	27.0	25.8	25.4	25.0	25.2	27.1	24.8	24.6	23.5	22.6	22.7
1968	Ct.	25.2	27.7	27.6	27.0	27.2	27.8	28.7	27.9	27.3	24.6	25.2	25.3
1969	Ct.	26.8	27.9	28.5	28.1	29.3	29.9	32.4	30.6	29.3	28.0		
New York													
1967	Ct.	25.4	27.3	26.0	25.6	25.3	25.6	27.2	25.1	24.9	23.3	22.7	22.7
1968	Ct.	25.3	27.8	27.8	27.1	27.5	28.0	29.0	28.2	27.5	24.8	25.1	25.3
1969	Ct.	27.0	28.2	28.7	28.2	29.2	30.0	32.6	30.7	29.8	28.2		
Los Angeles													
1967	Ct.	26.0	27.5	26.7	26.0	25.6	26.0	27.6	25.1	25.6	25.1	23.8	23.9
1968	Ct.	27.0	29.3	28.7	28.2	28.2	28.8	29.5	28.6	28.2	26.2	27.5	26.9
1969	Ct.	28.0	29.6	29.7	29.2	31.0	31.1	33.8	32.1	29.9	29.4		
Table 25-27.--Average turkey prices per pound													
Live weight													
United States, at farm at mid-month													
1967	Ct.	22.3	21.2	20.5	19.3	19.5	19.7	20.4	20.0	20.1	19.0	18.8	18.5
1968	Ct.	18.4	18.0	18.2	18.7	18.6	19.5	19.8	20.2	20.7	21.1	21.4	21.1
1969	Ct.	20.4	19.6	19.7	19.8	20.4	21.0	21.1	20.9	21.4	22.4		
San Joaquin Valley													
Heavy-type young toms													
1967	Ct.	21.5	20.5	---	20.1	19.7	19.0	18.9	18.2	17.8	16.9	16.0	15.4
1968	Ct.	---	---	---	---	18.5	19.2	19.1	19.2	19.5	19.5	19.4	19.3
1969	Ct.	---	20.0	19.0	21.5	22.0	20.7	20.7	20.9	21.0	22.5		

See footnotes on page 39.

Continued-

Table 19.--Selected poultry and egg statistics 1/ -Continued

Item	Date in-	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
25-27.--Average turkey prices per pound -Continued													
Liveweight -Continued													
San Joaquin Valley													
Heavy-type young hens													
1967	Ct.	21.0	21.6	20.9	20.4	20.0	20.2	20.1	19.9	20.0	18.4	17.1	16.7
1968	Ct.	---	---	---	---	---	20.9	21.0	21.0	21.0	21.3	22.0	23.1
1969	Ct.	19.4	21.0	22.5	21.7	22.8	22.6	22.6	22.5	23.3	25.1		
Virginia													
Fryer-roasters													
1967	Ct.	21.6	20.8	19.1	18.0	18.6	19.5	19.7	20.8	22.0	21.6	19.8	17.3
1968	Ct.	16.9	---	---	---	---	---	---	---	---	22.0	22.0	23.4
1969	Ct.	---	---	---	---	---	---	---	---	---	---		
Iowa													
Heavy-type young toms													
1967	Ct.	---	---	---	---	---	---	---	---	18.8	16.8	16.0	---
1968	Ct.	---	---	---	---	---	---	---	19.8	20.2	---	---	---
1969	Ct.	---	---	---	---	---	---	---	---	20.8	21.8		
Heavy-type young hens													
1967	Ct.	---	---	---	---	---	---	---	---	21.2	19.8	18.7	---
1968	Ct.	---	---	---	---	---	---	---	21.8	22.2	---	---	---
1969	Ct.	---	---	---	---	---	---	---	---	22.9	24.6		
Ready-to-cook weight													
In Retail stores in urban areas 2/ 7/													
Turkeys													
1967	Ct.	51.7	50.3	50.0	49.8	48.9	48.3	48.4	48.7	48.3	47.6	47.1	47.0
1968	Ct.	46.5	45.5	45.9	45.9	45.3	46.0	46.0	46.3	47.0	48.1	48.1	46.6
1969	Ct.	47.7	47.7	47.4	44.3	46.8	48.0	48.3	49.7	50.3			
New York, wholesale, frozen													
Toms, heaviest weights quoted													
1967	Ct.	40.3	40.2	38.8	38.3	38.8	38.3	37.8	36.8	35.0	36.2	35.7	36.0
1968	Ct.	35.1	34.8	34.8	35.0	35.6	37.5	40.0	40.2	40.5	39.3	38.4	36.9
1969	Ct.	36.72	36.5	36.5	36.5	36.6	38.0	39.2	39.3	39.6			
Hens, 12 - 14 pounds													
1967	Ct.	39.7	37.9	35.3	34.6	35.0	35.0	35.0	33.3	35.5	35.3	34.6	32.4
1968	Ct.	30.4	30.3	30.8	32.2	33.8	34.5	34.2	35.3	36.8	37.1	37.5	36.0
1969	Ct.	34.25	32.8	31.8	34.2	36.3	37.6	37.2	37.0	39.4			
Chicago, wholesale, frozen													
Toms, heaviest weights quoted													
1967	Ct.	40.5	40.4	37.9	36.8	36.8	36.8	36.6	35.2	35.0	35.2	34.7	34.5
1968	Ct.	34.1	33.7	33.5	33.5	33.8	35.3	38.1	38.7	39.0	38.2	37.3	36.8
1969	Ct.	36.4	36.0	35.6	35.7	35.9	36.5	37.6	37.9	38.5			
Hens, 12 - 14 pounds													
1967	Ct.	38.8	37.1	34.2	32.8	33.4	33.3	33.3	33.7	34.0	33.7	33.0	31.3
1968	Ct.	29.9	29.8	29.8	30.7	32.2	33.0	33.0	33.9	35.6	36.0	36.2	35.7
1969	Ct.	34.2	33.2	32.4	31.3	34.6	36.7	36.5	36.2	37.9			
Table 28.--Prices paid for broiler-type chicks, poults, broiler hatching eggs, feed and feed feed ingredients													
Broiler-type chicks per 100													
Georgia													
1967	Dol.	8.75	8.75	7.94	7.75	7.75	7.62	8.10	8.00	7.75	7.60	8.00	8.00
1968	Dol.	8.52	8.88	9.06	9.00	9.00	9.00	9.00	9.31	9.50	9.35	9.44	9.75
1969	Dol.	9.75	9.75	9.75	9.60	8.62	8.56	9.35	9.69	10.00	10.00		
Broiler hatching eggs per dozen													
Georgia													
1967	Ct.	60.0	60.0	56.8	56.0	55.8	55.5	57.4	57.0	55.8	55.4	57.0	57.0
1968	Ct.	58.4	60.5	61.2	60.2	60.6	61.0	61.0	63.2	64.0	63.4	64.8	65.0
1969	Ct.	65.0	65.0	65.0	63.8	57.5	57.2	61.4	62.8	64.0	64.0		
All poults each													
1967	Ct.	55.8	58.2	57.3	57.9	58.6	58.7	57.6	52.9	51.8	51.4	53.3	54.6
1968	Ct.	56.3	56.5	56.9	56.6	57.7	57.3	55.8	52.0	50.6	50.3	51.4	52.7
1969	Ct.	56.0	55.8	56.3	56.5	57.4	58.0	56.4	53.6	50.5	51.0		
Feed per ton													
Laying feed 8/													
1967	Dol.	89.0	88.0	88.0	87.0	86.0	87.0	86.0	85.0	85.0	84.0	83.0	84.0
1968	Dol.	81.0	81.0	81.0	80.0	80.0	80.0	80.0	79.0	79.0	79.0	79.0	79.0
1969	Dol.	80.0	79.0	79.0	79.0	80.0	80.0	80.0	81.0	81.0	80.0		

See footnotes on page 39.

Continued-

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Table 28.--Prices paid for broiler-type chicks, poults, broilar hatching eggs, feed and feed ingredients -Continued													
Feed per ton -Continued													
Broiler grower feed 8/													
1967	Dol.	96.0	95.0	94.0	94.0	93.0	94.0	94.0	93.0	93.0	91.0	90.0	90.0
1968	Dol.	90.0	90.0	90.0	89.0	89.0	88.0	89.0	88.0	88.0	88.0	89.0	88.0
1969	Dol.	88.0	88.0	89.0	90.0	90.0	92.0	92.0	92.0	92.0	90.0		
Turkey grower feed 8/													
1967	Dol.	94.0	93.0	91.0	91.0	90.0	92.0	90.0	90.0	90.0	89.0	89.0	89.0
1968	Dol.	87.0	88.0	87.0	88.0	87.0	93.0	87.0	86.0	86.0	86.0	86.0	86.0
1969	Dol.	87.0	87.0	87.0	87.0	89.0	90.0	90.0	91.0	90.0	90.0		
Corn, Chicago No 3 yellow (per bu.)													
1967	Dol.	1.395	1.378	1.383	1.357	1.369	1.354	1.280	1.218	1.191	1.148	1.064	1.111
1968	Dol.	1.095	1.122	1.143	1.128	1.167	1.135	1.098	1.062	1.063	1.057	1.128	1.136
1969	Dol.	1.176	1.160	1.153	1.203	1.298	1.299	1.272	1.280	1.194	1.161		
Soybean meal, 44 percent, Decatur (per ton, bulk)													
1967	Dol.	81.70	79.50	79.50	76.60	74.50	73.70	78.10	78.20	79.20	71.80	71.90	73.40
1968	Dol.	75.10	74.50	75.00	74.60	75.00	79.50	82.80	84.40	85.10	78.20	73.50	71.60
1969	Dol.	69.80	69.90	72.60	73.30	76.10	77.50	77.30	76.90	72.70	75.40		
Tables 29-30.--Number of layers on farms, rate of egg production, snd total egg output on farms, 50 States													
Aversge for the month													
Number of layers on fsrms													
1967	Mil.	323	319	316	314	310	308	308	311	317	323	326	329
1968	Mil.	327	323	321	317	312	308	306	307	311	316	318	318
1969	Mil.	317	315	313	312	310	307	306	307	311			
Eggs lsid per 100 layers													
1967	No.	1,832	1,696	1,931	1,909	1,972	1,883	1,904	1,858	1,763	1,804	1,746	1,809
1968	No.	1,831	1,744	1,915	1,888	1,946	1,860	1,888	1,837	1,747	1,801	1,741	1,797
1969	No.	1,805	1,677	1,914	1,885	1,963	1,870	1,887	1,849	1,765			
Total monthly egg production													
1967	Mil. cs.	16.4	15.0	17.0	16.6	17.0	16.1	16.3	16.1	15.6	16.3	15.9	16.6
1968	Mil. cs.	16.6	15.7	17.1	16.6	16.9	15.9	16.1	15.7	15.1	15.8	15.4	15.9
1969	Mil. cs.	15.9	14.7	16.6	16.3	16.9	16.0	16.0	15.7	15.2			
First of montb													
Number of layers on farms													
1967	Mil.	325	320	317	316	311	309	307	309	314	323	327	329
1968	Mil.	330	324	322	320	315	310	306	306	308	314	318	319
1969	Mil.	318	316	313	313	310	309	306	306	308	313		
Eggs lsid per 100 layers													
1967	No.	58.2	60.0	61.2	63.4	63.9	63.2	62.3	60.5	59.3	58.2	58.2	58.2
1968	No.	58.5	59.5	61.0	62.6	63.2	62.4	61.6	60.3	58.3	58.0	58.1	58.0
1969	No.	57.9	58.6	61.3	62.3	63.4	63.2	61.4	60.3	59.0	58.6		
Daily rate of egg production													
1967	Mil. eggs	189	192	194	200	199	195	191	187	186	188	190	191
1968	Mil. eggs	193	193	196	200	199	193	189	185	179	182	185	185
1969	Mil. eggs	184	185	192	195	197	195	188	184	182	184		
Table 31.--Factors in monthly supply of shell eggs, 50 States													
Eggs produced on farms													
1967	1,000 cs.	16,411	15,011	16,972	16,628	17,000	16,128	16,311	16,094	15,592	16,278	15,906	16,561
1968	1,000 cs.	16,619	15,656	17,067	16,642	16,872	15,914	16,067	15,675	15,072	15,778	15,386	15,900
1969	1,000 cs.	15,878	14,658	16,647	16,317	16,886	15,958	16,014	15,744	15,228			
Shell eggs to storage													
1967	1,000 cs.	36	-10	-13	77	148	162	-36	-76	-62	-14	-89	-64
1968	1,000 cs.	-11	2	5	20	89	96	-25	-33	-79	22	-81	-32
1969	1,000 cs.	-3	15	-19	121	64	63	-87	-93	-35			
Eggs broken commercially													
1967	1,000 cs.	1,462	1,515	1,779	1,957	2,288	2,343	1,902	1,794	1,459	1,409	1,269	1,120
1968	1,000 cs.	1,281	1,330	1,599	1,735	1,993	1,924	1,756	1,478	1,066	1,118	1,010	844
1969	1,000 cs.	891	968	1,085	1,471	1,897	2,025	1,649	1,419	1,193			
Eggs used for hatching													
1967	1,000 cs.	965	1,178	1,187	1,188	1,071	1,006	981	864	872	874	885	963
1968	1,000 cs.	943	1,098	1,133	1,171	1,079	1,028	985	881	933	941	957	998
1969	1,000 cs.	975	1,168	1,203	1,242	1,149	1,089	1,041	991	1,016			
Balance													
1967	1,000 cs.	13,948	12,328	14,019	13,406	13,493	12,617	13,464	13,512	13,323	14,009	13,841	14,542
1968	1,000 cs.	14,406	13,226	14,330	13,716	13,711	12,866	13,351	13,349	13,152	13,697	13,500	14,090
1969	1,000 cs.	14,015	12,507	14,378	13,483	13,776	12,781	13,411	13,427	13,054			

See footnotes on page 39.

Continued-

Table 19.--Selected poultry and egg statistics 1/ -Continued

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Table 32.--Commercial production of poultry and red meat, 48 States													
Chicken and turkey meat, r-t-c weight 9/													
1967	Mil. lb.	655	544	624	605	733	791	764	978	913	986	884	741
1968	Mil. lb.	687	566	582	620	706	671	805	880	858	984	795	765
1969	Mil. lb.	726	567	631	661	724	783	842	897	949			
Total red meat, carcass weight 10/													
1967	Mil. lb.	2,964	2,636	2,955	2,721	2,801	2,776	2,549	2,869	2,814	3,005	2,872	2,791
1968	Mil. lb.	3,068	2,721	2,783	2,856	3,012	2,637	2,836	2,902	2,894	3,296	2,914	2,914
1969	Mil. lb.	3,143	2,776	2,889	2,908	2,808	2,722	2,831	2,771	3,031			
Table 33.--Chicken certified as wholesome in Federally inspected plants, ready-to-cook weight													
Young													
1967	Mil. lb.	474.9	403.6	472.0	455.9	552.0	548.0	488.1	573.5	503.7	525.5	449.3	429.5
1968	Mil. lb.	483.9	429.0	448.8	484.9	532.2	497.1	550.9	547.7	502.8	572.0	425.7	464.0
1969	Mil. lb.	540.7	445.6	482.6	533.5	562.7	573.9	568.4	573.8	578.0			
Mature													
1967	Mil. lb.	48.7	43.1	44.4	44.2	43.3	40.8	30.7	40.0	43.7	51.2	46.0	40.8
1968	Mil. lb.	47.4	38.7	33.8	41.0	39.2	28.4	33.6	35.1	31.0	43.4	38.1	40.6
1969	Mil. lb.	42.5	37.4	39.3	40.4	43.1	37.8	31.9	32.9	38.6			
Total													
1967	Mil. lb.	523.6	446.7	516.4	500.1	595.3	588.8	518.8	613.5	547.4	576.7	495.3	470.3
1968	Mil. lb.	531.3	467.7	482.5	526.0	571.4	525.5	584.5	582.9	533.8	615.5	463.7	504.6
1969	Mil. lb.	583.2	483.0	521.9	573.9	605.8	611.7	600.2	606.7	616.6			
Table 34.--Turkey certified as wholesome in Federally inspected plants, ready-to-cook weight													
Fryer-roasters													
1967	Mil. lb.	5.7	6.7	9.4	7.8	7.5	7.9	6.9	7.9	9.1	11.2	14.3	11.3
1968	Mil. lb.	9.0	7.0	6.5	4.9	4.8	5.0	6.9	6.1	5.6	7.7	8.3	7.2
1969	Mil. lb.	6.0	6.1	6.0	5.0	4.1	4.6	5.7	5.7	4.4			
Young turkeys													
1967	Mil. lb.	38.7	17.1	15.9	15.7	33.2	83.0	141.6	236.5	243.5	274.6	263.4	165.2
1968	Mil. lb.	41.8	17.6	14.7	20.0	29.9	56.3	110.8	187.0	215.4	269.3	236.9	154.2
1969	Mil. lb.	35.9	14.8	16.7	14.8	32.0	74.8	135.1	178.9	220.8			
Old turkeys													
1967	Mil. lb.	1.0	1.0	1.1	1.7	5.6	11.5	4.9	1.6	.7	.5	.4	.9
1968	Mil. lb.	1.1	.5	.6	1.0	4.4	8.2	4.6	1.0	.3	.2	.4	.6
1969	Mil. lb.	.7	.4	.7	1.3	2.8	6.0	4.7	.7	.6			
Total turkeys													
1967	Mil. lb.	45.3	24.8	26.5	25.2	46.4	102.4	153.4	246.0	253.3	286.3	278.1	177.3
1968	Mil. lb.	51.9	25.1	21.8	25.9	39.1	69.5	122.3	194.0	221.2	277.2	245.6	162.0
1969	Mil. lb.	42.6	21.3	23.4	21.0	39.0	85.4	145.5	185.3	225.8			
Table 35.--Ducks, other poultry, and total poultry certified as wholesome in Federally inspected plants, ready-to-cook weight													
Ducks													
1967	Mil. lb.	1.6	.8	2.6	4.1	5.5	5.9	5.3	5.7	4.7	4.0	3.2	2.4
1968	Mil. lb.	1.7	1.1	2.0	4.3	5.4	5.2	5.6	5.2	4.6	4.9	3.5	2.9
1969	Mil. lb.	2.3	1.5	2.5	4.5	5.2	6.0	6.0	5.3	5.4			
Other poultry													
1967	Mil. lb.	.1	.1	.1	.2	.2	.3	.2	.2	.2	.3	1.6	.6
1968	Mil. lb.	.1	.1	.1	.1	.1	.2	.2	.2	.2	.5	1.7	.6
1969	Mil. lb.	.1	.1	.1	.1	.1	.2	.2	.2	.1			
Total poultry													
1967	Mil. lb.	570.6	472.3	545.5	529.7	647.4	697.4	677.7	865.4	805.6	867.4	778.3	650.6
1968	Mil. lb.	585.1	494.0	506.5	556.2	616.0	600.3	712.5	782.2	759.8	898.0	714.6	670.0
1969	Mil. lb.	628.3	505.9	547.9	599.5	650.0	703.3	751.9	797.4	848.0			
Table 36.--Chicken and turkey inspected for canning and other processed foods in Federally inspected plants, ready-to-cook weight													
Chicken													
Young													
1967	Mil. lb.	14.9	15.2	17.3	16.1	19.5	22.5	17.0	19.9	16.6	17.1	28.8	14.7
1968	Mil. lb.	30.5	34.5	17.7	17.6	19.3	17.9	18.2	22.6	17.4	22.6	18.7	16.9
1969	Mil. lb.	19.1	18.6	20.3	21.7	22.1	21.7	24.0	23.6	25.2			

See footnotes on page 39.

Continued-

Table 19.--Selected poultry and egg statiatics 1/ -Continued

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Table 36.--Chicken and turkey inspected for canning and other processed foods in Federally inspected plants, ready-to-cook weight -Continued													
Chicken -Continued													
Mature													
1967	Mil. lb.	28.0	29.3	34.0	29.7	30.1	29.1	23.5	28.3	24.9	31.5	30.6	27.9
1968	Mil. lb.	33.2	33.2	33.1	31.8	31.0	30.5	30.5	28.2	26.9	35.5	33.3	30.7
1969	Mil. lb.	33.8	33.0	34.8	33.4	33.6	33.4	29.9	26.5	28.6			
Total													
1967	Mil. lb.	42.8	44.5	51.3	45.7	49.6	51.6	40.4	48.3	41.4	48.6	40.0	42.6
1968	Mil. lb.	63.7	67.7	50.8	49.5	50.4	48.4	48.7	50.8	44.4	58.0	51.9	47.6
1969	Mil. lb.	52.9	51.6	55.2	55.1	55.7	55.1	53.9	50.1	53.8			
Turkey													
1967	Mil. lb.	28.2	25.0	25.9	21.8	23.8	26.7	24.3	28.8	26.8	32.6	35.4	23.1
1968	Mil. lb.	27.3	25.8	26.0	25.6	32.2	24.3	31.7	35.7	34.5	44.6	38.9	36.0
1969	Mil. lb.	37.3	37.3	36.4	33.4	30.3	31.4	35.4	44.8	51.5			
Table 37.--Per capita consumption of shell eggs													
Shell eggs													
1967	No.	25.0	22.1	25.2	23.8	23.9	22.2	24.1	24.1	23.5	24.8	24.6	25.9
1968	No.	25.7	23.5	25.4	24.2	24.2	22.5	23.6	23.5	23.1	24.2	23.8	25.0
1969	No.	24.8	22.1	25.4	23.6	24.2	22.2	23.1	23.3	22.5			
Table 38.--Chicks hatched by types and pullet chicks placed													
Chicks hatched													
Broiler-type													
1967	Mil.	225.3	217.6	256.1	250.3	257.0	245.0	241.1	232.3	201.7	205.6	211.3	215.2
1968	Mil.	229.8	219.5	246.7	247.7	260.9	250.3	244.2	232.4	203.4	214.8	211.6	227.8
1969	Mil.	235.2	227.1	266.8	268.8	280.1	266.5	257.9	246.6	231.7			
Egg-type													
1967	Mil.	39.8	46.3	66.1	74.4	68.1	47.9	34.0	36.0	34.6	32.9	27.7	27.0
1968	Mil.	33.5	38.6	53.8	62.3	59.4	45.0	37.1	37.1	37.5	40.4	35.8	34.0
1969	Mil.	37.7	39.7	52.7	60.2	59.8	47.9	40.2	38.1	39.4			
Pullet chicks placed domestically for broiler hatchery supply flocks 11/													
Total													
1967	Thou.	2,649	2,947	3,650	3,504	3,364	3,620	2,673	2,704	3,041	2,632	2,959	2,749
1968	Thou.	2,488	2,800	3,329	3,695	3,017	3,555	2,856	2,811	3,118	2,955	3,152	3,148
1969	Thou.	2,959	2,806	3,578	3,493	4,046	3,409	3,026	3,060	2,933			
Cumulation relevant to breeder flock 12/													
1967	Thou.	26,437	26,948	27,251	28,313	28,536	27,487	26,336	26,378	24,208	24,767	25,211	24,890
1968	Thou.	25,297	25,176	25,111	25,503	25,188	24,497	23,742	22,866	22,046	22,702	23,693	23,669
1969	Thou.	24,592	24,489	24,511	25,181	25,336	25,159	24,612	24,554	23,805	24,527	25,209	26,137
1970	Thou.	26,591	26,465	26,377	26,351								
For laying flock replacements 13/													
1967	Thou.	22,529	26,105	36,716	40,716	37,400	27,584	19,693	20,710	20,343	19,071	16,799	16,238
1968	Thou.	19,246	22,095	30,209	34,845	32,693	26,054	21,390	21,373	21,863	23,142	21,029	20,138
1969	Thou.	21,813	22,659	29,922	33,587	33,934	27,362	23,118	22,113	22,653			
Table 39.--Poults hatched by breeds													
Poults hatched													
Light breeds													
1967	Thou.	1,056	990	1,073	1,035	1,349	1,977	2,482	2,340	1,176	1,108	889	879
1968	Thou.	791	678	881	1,170	1,256	1,876	2,168	1,604	1,013	1,022	797	610
1969	Thou.	694	625	849	1,020	1,002	1,386	1,630	1,304	873			
Total heavy breeds													
1967	Thou.	7,396	13,028	21,791	22,119	22,515	17,675	8,423	2,194	1,232	1,515	1,860	2,462
1968	Thou.	4,250	8,242	16,900	19,086	19,994	15,802	8,045	1,889	1,057	1,235	1,455	2,294
1969	Thou.	5,230	9,429	17,318	19,427	19,756	15,712	8,176	2,562	731			
All breeds													
1967	Thou.	8,452	14,018	22,864	23,154	23,864	19,652	10,905	4,534	2,408	2,623	2,749	3,341
1968	Thou.	5,041	8,920	17,781	20,256	21,250	17,678	10,213	3,493	2,070	2,257	2,252	2,904
1969	Thou.	5,924	10,054	18,167	20,447	20,758	17,098	9,806	3,866	1,604			

See footnotes on page 39.

Continued-

Table 19.--Selected poultry and egg statistics 1/ -Continued

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Table 40.--Cold storage holdings of shell and frozen eggs, first of the month													
All frozen eggs													
1967	Mil. lb.	36.2	37.1	40.8	43.7	55.5	71.2	84.6	92.7	98.9	100.0	97.9	95.7
1968	Mil. lb.	89.5	85.5	79.9	81.1	85.7	95.4	107.7	109.7	109.0	102.0	92.2	82.4
1969	Mil. lb.	71.9	60.8	55.6	51.6	49.6	53.3	60.7	66.2	64.3	56.6		
Shell eggs													
1967	1,000 cs.	27	63	53	40	117	265	427	391	315	253	239	150
1968	1,000 cs.	86	75	77	82	102	191	287	262	229	150	172	91
1969	1,000 cs.	59	56	71	52	173	237	300	213	120	85		
Shell equivalent of all eggs													
1967	1,000 cs.	944	1,002	1,086	1,146	1,521	2,065	2,570	2,739	2,820	2,814	2,711	2,572
1968	1,000 cs.	2,352	2,239	2,101	2,135	2,272	2,606	3,014	3,038	2,988	2,733	2,517	2,171
1969	1,000 cs.	1,880	1,597	1,478	1,359	1,428	1,586	1,836	1,889	1,747	1,519		
Table 41.--Cold storage holdings of frozen eggs, by types, first of the month													
Frozen whole or mixed egg													
1967	Mil. lb.	19.5	19.6	21.2	23.5	30.4	41.2	51.6	56.6	61.7	64.4	62.4	60.2
1968	Mil. lb.	56.9	53.3	50.0	49.3	50.8	56.2	62.6	65.9	66.8	64.1	57.9	51.8
1969	Mil. lb.	45.1	37.1	33.6	29.8	28.3	29.4	33.4	36.1	36.5	32.3		
Frozen egg whites													
1967	Mil. lb.	7.1	7.8	8.2	7.7	8.8	9.5	10.3	10.8	11.1	10.1	10.0	9.8
1968	Mil. lb.	9.6	9.1	8.2	9.2	10.0	11.6	13.2	12.4	12.3	10.2	9.5	7.7
1969	Mil. lb.	6.6	5.8	6.3	6.3	5.9	6.7	8.3	10.6	9.0	8.3		
Yolk													
1967	Mil. lb.	8.8	8.9	10.6	11.4	15.1	18.9	21.1	23.4	24.1	23.4	23.7	24.0
1968	Mil. lb.	21.7	21.5	20.2	20.4	21.9	24.5	27.0	26.7	25.2	22.6	20.5	19.1
1969	Mil. lb.	17.2	15.2	13.7	14.0	14.2	15.6	17.1	17.4	16.9	14.2		
Table 42-44.--Cold storage holdings of poultry, first of the month													
Turkey													
1967	Mil. lb.	267.1	272.1	253.9	206.6	176.1	149.4	159.9	221.3	332.1	441.5	550.8	428.7
1968	Mil. lb.	366.9	360.6	310.3	267.8	225.1	194.1	185.3	226.0	304.7	385.9	504.4	385.7
1969	Mil. lb.	317.1	293.6	255.0	201.4	155.0	123.0	119.3	162.7	237.1	329.2		
Poultry excluding turkeys and ducks													
1967	Mil. lb.	163.3	157.7	152.4	141.7	142.0	142.2	143.4	141.8	148.5	154.9	163.4	171.9
1968	Mil. lb.	169.4	161.5	146.0	130.9	124.3	115.5	107.9	103.0	104.5	101.1	96.4	96.4
1969	Mil. lb.	97.2	98.0	94.0	84.6	81.6	81.8	77.2	80.3	80.4	85.7		
Broilers and fryers													
1967	Mil. lb.	42.1	44.3	43.2	41.1	42.0	39.3	34.9	35.6	36.2	35.4	37.3	40.3
1968	Mil. lb.	41.3	37.5	31.3	26.3	26.6	21.9	19.6	17.4	16.7	18.4	18.0	18.3
1969	Mil. lb.	20.8	21.0	21.7	21.3	21.3	20.5	18.9	19.8	21.6	20.5		
Tables 45-46.--Exports of fresh or frozen poultry to selected areas													
Broilers													
Common Market													
West Germany													
1967	Thou. lb.	1,048	1,998	2,076	1,297	1,121	762	726	869	542	341	413	315
1968	Thou. lb.	438	632	601	549	255	358	398	500	459	486	497	164
1969	Thou. lb.	34	488	383	225	121	149	360	117	291			
Total													
1967	Thou. lb.	1,090	2,260	2,245	1,487	1,375	1,106	919	1,189	615	402	475	318
1968	Thou. lb.	483	683	678	580	300	420	444	585	611	556	497	206
1969	Thou. lb.	34	488	452	225	143	209	459	157	357			
Other countries													
1967	Thou. lb.	2,919	4,997	4,084	4,683	5,123	5,329	5,674	7,202	6,292	7,523	6,643	5,583
1968	Thou. lb.	4,772	6,132	5,036	5,818	6,290	7,806	7,401	6,737	8,211	6,425	8,728	6,629
1969	Thou. lb.	4,857	4,354	8,122	8,447	7,337	6,773	8,162	8,309	6,687			
Grand total													
1967	Thou. lb.	4,009	7,257	6,329	6,170	6,498	6,435	6,593	8,391	6,907	7,925	7,118	5,901
1968	Thou. lb.	5,253	6,815	5,714	6,398	6,590	8,226	7,845	7,322	8,822	6,981	9,226	6,835
1969	Thou. lb.	4,891	4,842	8,574	8,672	7,480	6,982	8,621	8,466	7,044			

See footnotes on page 39.

Continued-

Table 19.--Sclected poultry and egg statistics 1/ -Continued

Item	Data in-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Tables 45-46.--Exports of frcsh or frozen poultry to selectcd areas -Continued													
Turkey													
Common Market													
West Germany													
1967	Thou. lb.	1,615	1,297	1,318	1,662	2,016	1,009	1,158	3,421	4,530	4,806	4,806	2,242
1968	Thou. lb.	2,119	3,080	1,649	1,907	919	754	903	1,571	2,551	3,231	3,900	2,363
1969	Thou. lb.	428	1,691	2,287	1,704	1,456	1,018	1,095	2,042	2,451			
Total													
1967	Thou. lb.	2,168	1,856	1,535	2,273	2,544	1,009	1,843	4,207	5,347	5,877	6,012	3,314
1968	Thou. lb.	2,571	3,682	1,803	2,028	1,119	953	1,268	1,988	2,903	3,816	4,761	2,882
1969	Thou. lb.	599	2,020	3,122	1,891	1,700	1,174	1,359	2,686	3,435			
Other countries													
1967	Thou. lb.	375	477	361	416	568	677	744	869	1,331	1,775	2,075	1,230
1968	Thou. lb.	779	1,042	539	677	482	435	891	1,356	1,880	883	1,642	1,250
1969	Thou. lb.	580	422	1,011	684	704	596	607	843	1,237			
Grand total													
1967	Thou. lb.	2,543	2,333	1,896	2,689	3,112	2,539	2,587	5,076	6,678	7,652	8,087	3,691
1968	Thou. lb.	3,350	4,724	2,342	2,705	1,601	1,388	2,160	3,344	4,783	4,699	6,403	4,132
1969	Thou. lb.	1,179	2,442	4,133	2,575	2,404	1,770	1,966	3,529	4,672			
Tables 47-50.--USDA contracts to purchase dried whole egg solids, young chickens, and turkeys													
Dried egg solids (shell equivalent)													
1967	1,000 cs.	---	---	---	---	---	---	89	118	29	---	---	---
1968	1,000 cs.	---	---	---	---	---	---	---	---	---	---	---	---
1969	1,000 cs.	---	---	---	---	---	---	---	---	---	---		
Young chickens, ready-to-cook weight													
1967	1,000 lb.	7,380	---	---	---	---	---	---	---	15,372	10,080	12,348	10,692
1968	1,000 lb.	---	---	---	---	---	---	---	---	---	13,968	8,352	8,460
1969	1,000 lb.	5,436	7,020	5,436	---	---	---	---	---	10,188	11,052	2,196	
Canned boned chicken	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1967	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1968	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1969	doz. cans	---	---	---	---	---	---	13,600	10,200	109,200	---		
Canned boned turkey													
1967	doz. cans	---	---	---	---	---	---	---	---	---	---	---	---
1968	doz. cans	---	---	---	---	---	---	---	---	---	3,400	299,200	533,800
1969	doz. cans	81,600	---	---	---	---	---	193,911	533,800	734,000	586,600	---	---
Turkey, ready-to-cook weight													
1967	1,000 lb.	---	---	---	---	---	---	11,760	17,190	26,490	19,440	---	---
1968	1,000 lb.	---	---	---	---	---	---	---	30,870	13,740	---	---	---
1969	1,000 lb.	---	---	---	---	---	---	---	5,855	12,110	2,625		

1/ These data update tables 19 through 50 in the "Selected Statistical Series for Poultry and Eggs Through 1965." Bulletin ERS 232, issued May 1966. Tablennumbers shown are the same as those in thia statistical supplement to the "Poultry and Egg Situation."
2/ Reported by Bureau of Labor Statistics. Prices collected during a three-day period in the month.
3/ Fifty urban areas in sample.
4/ Mostly prices when quoted.
5/ Trucklot sales, ice packed. The 9 cities are Chicago, Cleveland, Detroit, Los Angeles, New York, Philadelphia, Pittsburgh, St. Louis, and San Francisco.
6/ Thirty-five urban areas.
7/ Birds weighing 8-16 pounds.
8/ Beginning January 1963 complete feed, no specification for completeness in prior years. 1967 revised to reflect proportions sold in bulk and sacked andqquantity price discounts.
9/ Chicken and turkey meat excludes slaughter on farms for home use and non-farm production. Estimates of monthly poultry meat production based on available indications of marketing developed from information on inventories, numbers raised, intentions to raise and market poultry as well as data on chick placement and current monthly marketings.
10/ Excludes farm slaughter, lard and rendered pork fat.
11/ Placements reported by leading breeders.
12/ Sum of domestic placements 7-14 months previous.
13/ One-half egg-type chick hatch plus pullet chicks placed for hatchery supply flocks.
14/ Not available.

LIST OF TABLES

Table	Title	Page
	Poultry and Egg Situation at a Glance	2
1	Eggs and poultry: Measures of production efficiency and prices, 1930-69	15
2	Eggs, chicken, turkey and red meats: Civilian per capita consumption 1945-69	16
3	Factors influencing and indicative of the demand for eggs and poultry, 1940-69	17
4	Cold storage holdings of high-protein foods, October 1, 1969, with comparisons	18
5	Egg supplies available to civilians for food, January-March, April-June, and July-September 1968-69	19
6	Egg-type chick hatchery operations, United States and 5 States reporting weekly, 1968 to date	20
7	Egg-feed price ratios, replacements started and raised, and subsequent numbers of pullets on farms, 1950 to date	21
8	Egg-type replacement hatch, by quarters, 1956-69	22
9	Broiler pullets placed for hatchery supply flocks, by quarters, 1956-69	22
10	Storage movement of shell and frozen eggs, by months, averages 1951-55, 1956-60, 1961-65 and 1966 to date	23
11	Pullet chicks placed for laying flocks, by months, 1963-67 average and 1967-69 to date	24
12	Layers and potential layers, October 1 and following January 1, 1960 to date	25
13	Changes from the preceding year in selected broiler industry statistics, 1962 to date	26
14	Weekly broiler chick placements in 22 States related to 1968 and 1969 U.S. broiler production	27
15	Export payments on Chicken to Switzerland, 1968-69	28
16	Turkeys for breeding on January 1: Farmers' intentions and reported numbers, 15 important States, 1968 to date	29
17	Turkeys: Monthly hatchings, by breed type, advanced to indicate prospective month of marketing, 48 States, 1964 to date	30
18	Turkey hatchery operations, United States and 10 States reporting weekly, January 1968 to date	31
19	Selected poultry and egg statistics	32

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